S
338.1
A7m
1998

MONTANA AGRICULTURAL STATISTICS 1998

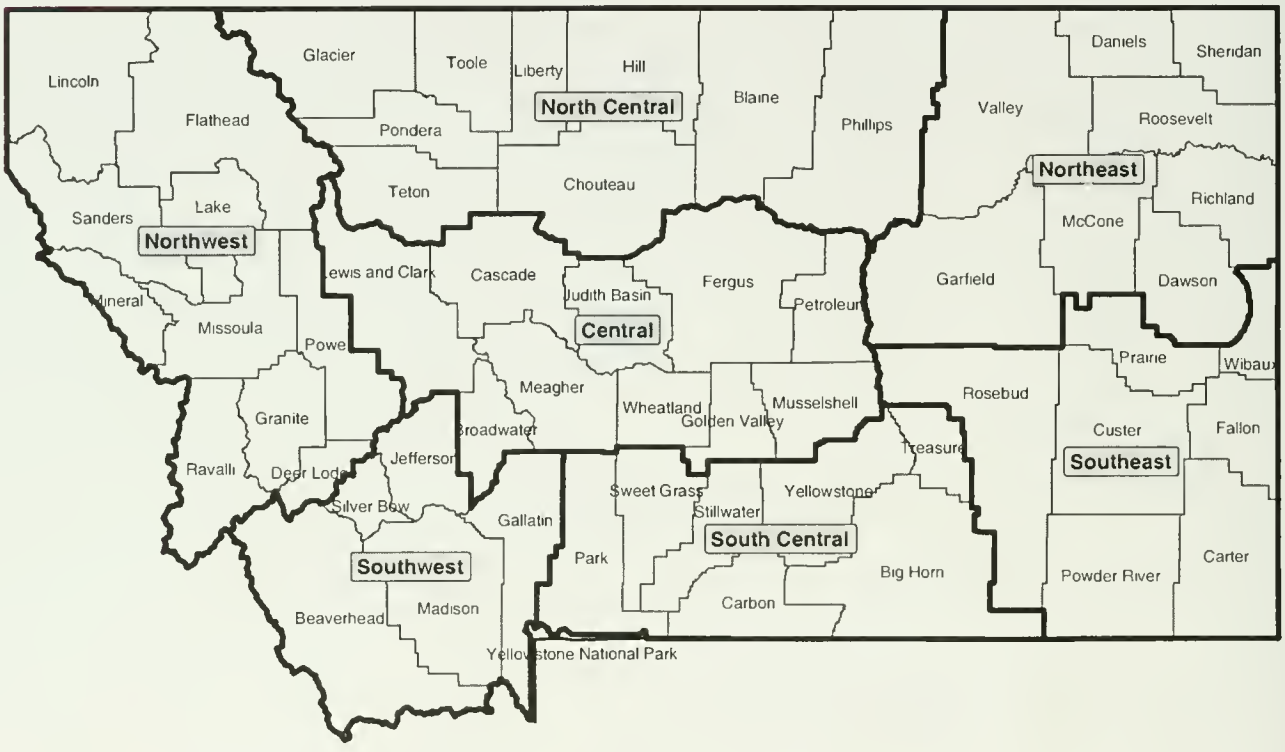
STATE DOCUMENTS COLLECTION
MAR 02 1999
MONTANA STATE LIBRARY
1515 E. 6th AVE.
HELENA, MONTANA 59620
PLEASE RETURN

1996-1997 County Estimates

SEP 16 1999

MONTANA STATE LIBRARY
3 0864 0014 3587 7

MONTANA AGRICULTURAL STATISTICS DISTRICTS



ACKNOWLEDGEMENTS

With great and sincere appreciation we thank the following contributors to this year's bulletin:

Front cover: Picture donated by Jim Maxwell, Intermountain Canola

Cover color separation donated by Clint Peck of MT FARMER-STOCKMAN MAGAZINE

MONTANA AGRICULTURAL STATISTICS

ISSN: 1095-7278 VOLUME XXXV OCTOBER 1998

STATE OF MONTANA

MARC RACICOT, GOVERNOR

MONTANA DEPARTMENT OF AGRICULTURE

W. RALPH PECK, DIRECTOR

COOPERATING WITH

U.S. DEPARTMENT OF AGRICULTURE
NATIONAL AGRICULTURAL STATISTICS SERVICE

DONALD M. BAY, ADMINISTRATOR

COMPILED BY

MONTANA AGRICULTURAL STATISTICS SERVICE

FEDERAL BUILDING and U.S. COURTHOUSE
301 SOUTH PARK AVENUE, DRAWER 10033
HELENA, MONTANA 59626-0033
PHONE: (406) 441-1240 or (800) 835-2612
e-mail: nass-mt@nass.usda.gov
home page: http://www.nass.usda.gov/mt/

PEGGY STRINGER, STATE STATISTICIAN

CURTIS E. LUND, DEPUTY STATE STATISTICIAN

LIVESTOCK, CROPS, & DATA PROCESSING

Thomas Chard II
Carmen Pennington
Jonathan Turnbow
Ron Schumacher
Bonnie Heller
Retta Johnson
Steve Sakry
Darin Jantzi
Billye Vincent
Carol Stefely
Pat Barker
Kim Moreno

ADMINISTRATIVE & SUPPORT

Annette Ronningen
Wendy Bruski

TABLE OF CONTENTS

FOREWORD
Comments from the Governor 3
Message from the Director 4
Notes from the State Statistician 5

GENERAL
Montana Department of Agriculture 6
Crop, Livestock, and Weather Digest 7
Freeze/Frost Occurrence Data 8,9
Climatological Data--Table 10
Percent of Total Acreage Seeded and Harvested by Date, Winter & Spring Wheat and Barley--graphs 11
Montana Facts and Figures 12
Number of Farms, Land in Farms 13
Number of Livestock Farms 14
Farm Real Estate Values, Rent Per Acre & Rent to Value . 14
Census of Agriculture, Farms by Size & Sales Value 14
Census of Agriculture, Number of Farms, Land in Farms and Average Farm Size--County 15

ECONOMIC
CASH RECEIPTS:
Principal Products & Government Payments--State 16
Principal Products & Government Payments--County .. 17
Marketings by Commodities--Tables 18
Marketings by Commodities--Pie Charts 19
Value Added to the US Economy by the Agriculture Sector 20
Selected Industries Comparison 21
Fertilizer & Fertilizer Materials Sold 22
Ag Chemical Use, Winter Wheat & Other Spring Wheat .. 22
Marketing Year Average Prices Received, Montana & US 23
Prices Received for Selected Commodities 24, 25

STATE STATISTICS--CROPS
ACREAGE, PRODUCTION, YIELD, AND VALUE:
All Wheat 26
Winter Wheat 27
Other Spring Wheat 28
Durum Wheat 29
Barley 30
Oats 31
Corn 31
Potatoes 31
Dry Beans 32
Sugar Beets 32
Sweet Cherries 32
Alfalfa Seed 33
All Hay 34
Alfalfa Hay 34
All Other Hay 34
Stocks of Major Grains 35
Wheat Shipped Out of State By Class & Destination 36
Wheat & Barley Shipped By Class, District, Mode & Destination 36
All Wheat Supply & Disposition 37
All Wheat, Movement, Utilization, Exports 37
Wheat Varieties: Percent of Total Seeded Acreage & Seeded Acreage 38
Winter Wheat Varieties by District and Graphs 39
Spring Wheat Varieties by District and Graphs 40
Durum Wheat Varieties by District and Graphs 41
Barley: Percent of Total Seeded Acreage & Seeded Acreage 42
Major Barley Varieties--Graphs 43
Marketings of Major Crops 43

RANK
Montana's Rank in the Nation's Agriculture 44
Crop & Livestock Record Highs and Lows 45
Winter Wheat & Spring Wheat Production--Maps 46
Durum Wheat & Barley Production--Maps 47
Oats & Alfalfa Hay Production--Maps 48

COUNTY STATISTICS--CROPS
All Crops, Irrigated & Non-Irrigated 1996-97 49
ACREAGE, YIELD, & PRODUCTION:
All Wheat, 1996-97 50-53
Winter Wheat, 1996-97 54-57
Other Spring Wheat, 1996-97 58-61
Durum Wheat, 1996-97 62-63
Barley, 1996-97 64-67
Oats, 1996-97 68-71
Corn, Acreage, Utilization, & Yield, 1996-97 72-73
Potatoes, 1996-97 74
Sugar Beets, 1996-97 75
Dry Beans, 1996-97 75
All Hay, 1996-97 76-77
Alfalfa Hay, 1996-97 78-79
All Other Hay, 1996-97 80-81

STATE STATISTICS--LIVESTOCK
Cattle & Calves: Value, Numbers, & Disposition 82
Cattle & Calves: Production & Income, & Map 83
Milk Cows on Farms: Production, Milkfat, & Total 83
Milk Marketed: Quantity & Cash Receipts 84
Dairy Products Marketed: Income & Value 84
Honey: Colonies, Yield, Production, Stocks, Price, & Value 84
All Cattle & Calves: Number of Operations & Percent of Total Inventory by Size Groups 85
Beef Cows: Number of Operations & Percent of Total Inventory by Size Groups 85
Private Grazing Fee Rates: Average Rates by Method of Payment, Montana 85
Commercial Livestock Slaughter 86
Sheep, Lambs, & Wool: Numbers, Value, Production, Disposition, Income 87
Sheep & Lambs: Inventory, Death Loss, & Value 88
Sheep & Lambs: Losses by Cause 89
Sheep & Lambs: Percent of Losses by Cause & Size of Flock 89
Sheep & Lambs, Number of Head--Map 90
Hogs & Pigs, Number of Head--Map 90
Hogs & Pigs: Numbers, Value, Production, Disposition, & Income 91
Chickens: Numbers, Value, Production, & Income 92

COUNTY STATISTICS--LIVESTOCK
LIVESTOCK INVENTORY BY COUNTIES:
All Cattle & Calves 1996-98 93
Beef Cows & Heifers That Have Calved 1996-98 93
Milk Cows & Heifers That Have Calved 1995-98 94
Breeding Sheep & Lambs 1996-98 94
Hogs & Pigs 1995-97 95
Chickens - Districts Only -1995-97 95

AGRICULTURAL EXPORTS 96

REPORTS ISSUED & PUBLICATION DATES
(on inside back cover)

COMMENTS FROM THE GOVERNOR

Agriculture today is a complex and multi-faceted business enterprise. As such, people involved in agriculture need concise and accurate information upon which to base their decisions. This 35th edition of *Montana Agricultural Statistics* provides that type of information.

Today, Montana's agricultural producers face many challenges: world competition, weather, trade concerns, federal issues, and the day-to-day production, financial management, and marketing concerns. The information provided in this bulletin will assist producers with their decision making processes.

My deepest appreciation goes to those individuals who persist in providing the nation and the world with high quality Montana agricultural products. With this ingrained desire to succeed, agriculture will continue to be Montana's number one industry.

Sincerely,

Marc Racicot
Governor

MESSAGE FROM THE DIRECTOR

This 35th annual edition of *Montana Agricultural Statistics* provides information that will enable our agribusiness industry to make viable production, business and marketing decisions--decisions that will affect their long term economic well being as well as the state of Montana.

This information is provided through the courtesy of your fellow agribusiness people who share their data with the rest of industry. Our great appreciation goes out to those individuals.

As we approach the 21st century, we become more aware of how world markets affect us even though we live in Montana. Hence, it is even more important to have accurate data to assist our producers in their decision making processes. The Montana Department of Agriculture and the Montana Agricultural Statistics Service will continue to provide that information in printed and electronic format.

Sincerely,

Ralph Peck

Ralph Peck
Director

NOTES FROM THE STATE STATISTICIAN

Montana Agricultural Statistics Service is delighted to present the thirty-fifth edition of *Montana Agricultural Statistics* to Montana's agricultural community. Montana's farmers, ranchers, and agribusinesses made this publication possible through their willingness to provide basic agricultural information.

Montana Agricultural Statistics Service works in cooperation with the Montana Department of Agriculture, the Montana Wheat and Barley Committee, the Montana Alfalfa Seed Committee, Montana State University, and many other producer organizations to provide basic agricultural information. Accurate, unbiased information represents the building blocks necessary for producers to develop sound marketing programs.

To meet the challenges of the next century, Governor Racicot established the Vision 2005 Task Force to address issues affecting agriculture and come up with a plan to double Montana's agricultural economy by 2005. Information plays a key roll in the recommendations made by the Task Force to ensure that the Montana agricultural community reaches this goal. Expanding markets both locally and globally and adding value to agricultural products are some of the Task Force's recommendations.

We have made the information in this bulletin available on the Internet. Check out our homepage at www.nass.usda.gov/mt/. As you look over the bulletin, we would appreciate any comments or suggestions you have for improving this publication. Again, to everyone involved in Montana's agriculture, thanks for your continued support. Thanks to our staff of statisticians, technicians, and enumerators who are dedicated to providing Montana's number one industry, agriculture, with high quality statistics.

Peggy Stringer
State Statistician

MONTANA DEPARTMENT OF AGRICULTURE

The Department of Agriculture, through the Director, is responsible for administration of a $9.2 million annual budget with 100 full-time and 18 seasonal, full-time employees. The Director oversees the department's three divisions and six bureaus. The function of each division is summarized below.

Central Management Division performs technical, fiscal and administrative support functions for the department. Responsibilities of the division include activities for internal operations of the department.

Agricultural Sciences Division provides services, protection and compliance assistance to farmers, agribusinesses, and the public through administration of laws pertaining to pesticides, ground water, noxious weeks, feeds, fertilizers, seed, grain dealers and warehousemen, nurseries, produce, mint, apiaries, alfalfa and leaf-cutting bees, pest surveys, and quarantines. The division licenses and trains persons according to requirements of these laws and registers labels for feeds, fertilizers and pesticides. Label registration protects consumers by assuring that labels provide adequate and fair directions, precautions, and other information. A division laboratory in Bozeman analyzes feeds, fertilizers and pesticides for the public and for division programs. The groundwater program provides protection through monitoring of Montana aquifers for pesticides and fertilizers, administration of best management practices, and compliance.

The noxious weed program administers grants to assist counties and community projects in controlling noxious weeds. This program also administers a program to certify noxious weed seed free forage.

The division provides produce grade inspection services and maintains two federally licensed inspectors capable of issuing federal grade certificates. The division inspects commodities being exported to certify that they meet import requirements of destination countries.

The division administers the bonding and licensing requirements for commodity dealers and warehouses. These requirements protect Montana producers by assuring grain businesses have adequate finances and records.

The apiary program registers Montana apiary sites and inspects resident and migratory beekeepers to protect honeybees from communicable diseases and to provide adequate honey and nectar flow to commercial apiaries.

The division certifies nurseries and nursery stock for the pest management and freedom standards that are expected by states and businesses that receive Montana nursery stock. The division's quarantine program assures that Montana is protected from introductions of non-indigenous pests and prevents transfer of pests within Montana. Yearly surveys of selected pests provide information needed for pest management, commodity certification, pest occurrence and other purposes.

The seed program protects consumers by assuring that seed labels contain truthful and accurate information and seed purity and viability data. The division samples seeds to check label claims and to assure that they meet standards for weed seeds.

The Agricultural Development Division is responsible for administering programs directed at promoting and enhancing Montana agriculture. The Agriculture Finance program is responsible for making grants and lower interest rate loans for rural youth, rural youth organizations, and other qualified farmers and ranchers. The State Hail Insurance programs insure any type of crop grown in Montana from losses caused by hail damage.

The marketing program is responsible for market enhancement and development through direct market development activities, grants, seed capital loan investments in new/innovative marketing, and product development. Statewide agricultural statistics and projections are developed through a Federal/State cooperative agreement administered through the division, which are made available through a comprehensive agricultural statistics bulletin and grain movement summary along with other production, price and income reports. Research and market development efforts are promoted for alfalfa seed through the Montana Alfalfa Seed Committee.

The Montana State Grain Laboratory is located in Great Falls, operating the only official USDA-FGIS state grain grading laboratory in the state of Montana. The lab provides unbiased grain grading, analytical services, and oil seed analysis to the state's grain industry.

The division is responsible for promoting and encouraging intensively scientific and practical research in all phases of wheat and barley culture, production, and marketing under the guidelines and policies developed by the Montana Wheat and Barley Committee.

MONTANA CROP, LIVESTOCK, AND WEATHER DIGEST, 1997

January: It was dry and cold east of the Divide and wet and cold west of the Divide. Some moderate temperatures reached the state late in the month. Snow cover on winter wheat was rated mostly poor to fair. Light wind damage was reported on 69% of the acreage. Calving and lambing had just started by the end of the month. Feed supplies were reported as very tight.

February: Mild temperatures were the norm for the month. Most areas reported less than normal precipitation except in the western district. Melting snow opened up additional grazing. Feed supplies were opening up since the cold weather had eased up. Calving was 19% complete and lambing 11% complete.

March: The month was generally warm and dry. The warm weather caused ice to move on several rivers bringing on flooding due to ice jams. Field tillage work was just beginning by the end of the month. Less than 25% of the winter wheat crop was reported as receiving moderate to heavy damage due to freeze or drought. More grazing land was available with the melting snow, but most livestock were receiving supplemental feed.

April: A blizzard during the first part of April blanketed Eastern Montana with snow. The severe weather was hard on livestock producers who were calving and lambing at the time. Hay supplies in the eastern part of the state were critically low. Spring planting was also held up by the weather and only 10% of the spring wheat and barley were seeded by month' end. The winter wheat crop was rated 33% fair and 55% good.

May: Wet weather at the beginning of the month kept spring seeding behind normal.. By the second week, warm, dry conditions allowed excellent seeding progress. The weather continued to be warm and dry to the point where some
areas of the state needed rain. Some welcome rains came late in the month. All crops were rated mostly in fair to good condition. Most of the livestock had been moved to summer ranges. The rains helped green up pastures.

June: Most of the state received above normal precipitation with the exception of the eastern third of the state. There were several reports of river and lowland flooding. Crop progress was generally ahead of normal. Crop conditions remained mostly good. Pasture and ranges were showing stress in the Eastern districts.

July: Winter wheat harvest was over 30% complete by the end of the month, well ahead of normal. Spring grains were maturing ahead of normal. Precipitation was scattered throughout the month with much of it in the form of late afternoon or evening thunderstorms. Hay producers were having trouble getting their hay up before it would get rained on. Pasture and feed range condition started showing improvement with the rains.

August: Scattered showers throughout the month kept most of the state's soil moisture supplies adequate. Winter wheat harvest was 88 percent complete by the end of the month. Spring wheat and barley harvest was just over half done at month's end. Crop conditions were rated mostly good. Pasture and range feed condition was rated mostly fair to good.

September: Small grain harvest was virtually wrapped up by the third week of the month. There were many reports of wheat stem sawfly causing problems during harvest. Corn silage and dry bean harvest were in their final stages by the end of the month and sugar beet and potato harvest were off to a good start. The 1998 winter wheat crop was seeded on 66 percent of the intended acreage by month's end. Nearly a third of the livestock were moved from summer ranges.

October: Winter wheat seeding was virtually complete by the middle of the month. There were some areas of the state where seeding was held back because of dry conditions. The winter wheat condition was rated mostly fair to good at month's end. Potato and sugar beet harvest was nearly complete by the end of the month. Just over 80 percent of the livestock had been taken off summer ranges.

November: November weather was relatively calm with cool and dry conditions. The winter wheat crop had emerged on 94 percent of the acreage seeded before temperatures became too cold. There was some wind damage to the emerging winter wheat and producers are concerned about the lack of snow cover. Winter wheat protectiveness of snow cover was rated mostly very poor. With the lack of snow, supplemental feeding was rated light compared with normal. Livestock grazing is reported at 80 percent open.

December: Temperatures were generally above normal with below normal precipitation. Snow cover of the winter wheat continued to cause some concern with ratings of 47 percent poor and 40 percent very poor. Wind damage to winter wheat was rated 26 percent none, 60 percent light, 13 percent moderate, and 1 percent heavy. Livestock are reported in good to excellent condition. Grazing was still rated at 88 percent open.

FREEZE/FROST OCCURRENCE DATA, Average, 1961-90 1/

Station	County	Temp Threshold (Degrees F)	Spring (Date) Probability Level			Fall (Date) Probability Level			Freeze-Free Period Probability Level		
			90	50	10	10	50	90	10	50	90
Belgrade AP	Gallatin	36	May 29	Jun 20	Jul 12	Aug 20	Sep 04	Sep 19	102	75	48
		32	May 09	Jun 03	Jun 27	Aug 28	Sep 12	Sep 27	133	101	69
		28	Apr 24	May 09	May 24	Sep 08	Sep 23	Oct 09	159	137	114
Big Sandy	Chouteau	36	May 21	Jun 08	Jun 26	Aug 19	Sep 04	Sep 19	113	87	61
		32	May 07	May 25	Jun 12	Sep 01	Sep 14	Sep 28	133	112	90
		28	Apr 22	May 09	May 25	Sep 09	Sep 24	Oct 09	157	138	119
Big Timber	Sweet Grass	36	May 15	Jun 05	Jun 26	Aug 25	Sep 09	Sep 24	125	95	65
		32	May 02	May 18	Jun 03	Sep 04	Sep 20	Oct 06	149	124	99
		28	Apr 19	May 01	May 12	Sep 15	Oct 02	Oct 20	175	154	132
Bigfork13 S	Flathead	36	May 16	Jun 02	Jun 19	Aug 29	Sep 17	Oct 06	134	106	78
		32	Apr 30	May 16	May 31	Sep 11	Sep 29	Oct 17	159	136	113
		28	Apr 05	Apr 24	May 12	Sep 22	Oct 14	Nov 06	205	173	141
Billings Water Plant	Yellowstone	36	May 11	May 26	Jun 10	Sep 01	Sep 14	Sep 28	133	111	89
		32	Apr 25	May 12	May 29	Sep 06	Sep 23	Oct 10	156	133	110
		28	Apr 18	Apr 30	May 12	Sep 18	Oct 04	Oct 21	178	157	135
Bridger	Carbon	36	May 12	Jun 05	Jun 28	Aug 27	Sep 10	Sep 23	125	97	68
		32	Apr 27	May 16	Jun 04	Sep 06	Sep 20	Oct 05	151	127	102
		28	Apr 17	May 02	May 17	Sep 18	Oct 03	Oct 18	173	153	134
Broadus	Powder River	36	May 10	May 31	Jun 22	Aug 20	Sep 05	Sep 21	123	96	69
		32	May 01	May 19	Jun 07	Aug 31	Sep 14	Sep 28	140	117	94
		28	Apr 20	May 06	May 21	Sep 10	Sep 24	Oct 08	158	140	122
Chester	Liberty	36	May 30	Jun 23	Jul 17	Aug 12	Aug 27	Sep 12	92	64	37
		32	May 17	Jun 06	Jun 26	Aug 27	Sep 08	Sep 21	118	94	70
		28	Apr 29	May 15	Jun 01	Sep 03	Sep 17	Oct 01	145	124	103
Chinook	Blaine	36	May 16	Jun 02	Jun 19	Aug 22	Sep 06	Sep 22	116	96	77
		32	May 03	May 16	May 29	Sep 03	Sep 16	Sep 29	140	122	104
		28	Apr 18	May 04	May 20	Sep 09	Sep 23	Oct 08	162	142	122
Conrad Airport	Pondera	36	May 30	Jun 19	July 09	Aug 17	Sep 02	Sep 19	103	75	47
		32	May 12	May 27	Jun 12	Aug 28	Sep 14	Sep 30	133	109	84
		28	Apr 30	May 13	May 25	Sep 07	Sep 23	Oct 09	151	132	113
Culbertson	Roosevelt	36	May 20	Jun 08	Jun 27	Aug 10	Aug 28	Sep 15	107	80	53
		32	May 06	May 22	Jun 07	Aug 27	Sep 10	Sep 25	134	110	87
		28	Apr 26	May 14	May 31	Sep 06	Sep 19	Oct 01	149	128	106
Dillon WMCE	Beaverhead	36	Jun 11	Jun 30	Jul 18	Aug 15	Aug 27	Sep 09	82	58	34
		32	May 17	Jun 08	Jun 30	Aug 25	Sep 07	Sep 20	115	91	67
		28	May 02	May 18	Jun 03	Sep 03	Sep 18	Oct 03	142	122	103
Ekalaka	Carter	36	May 17	Jun 07	Jun 27	Aug 17	Sep 03	Sep 19	113	87	61
		32	May 11	May 26	Jun 10	Aug 30	Sep 15	Oct 01	133	112	90
		28	Apr 19	May 09	May 29	Sep 07	Sep 25	Oct 13	160	138	115
Fairfield	Teton	36	May 23	Jun 09	Jun 26	Aug 28	Sep 09	Sep 21	111	91	71
		32	May 07	May 20	Jun 03	Sep 04	Sep 20	Oct 07	146	122	99
		28	Apr 23	May 06	May 19	Sep 15	Oct 03	Oct 21	172	149	126
Fort Benton	Chouteau	36	May 17	Jun 08	Jun 29	Aug 26	Sep 07	Sep 20	114	91	68
		32	May 09	May 21	Jun 03	Sep 02	Sep 14	Sep 25	132	114	97
		28	Apr 24	May 07	May 20	Sep 08	Sep 24	Oct 10	160	139	119
Geraldine	Chouteau	36	May 23	Jun 17	Jul 12	Aug 19	Sep 03	Sep 19	111	78	45
		32	May 06	May 24	Jun 11	Sep 03	Sep 14	Sep 24	133	112	90
		28	Apr 28	May 10	May 22	Sep 06	Sep 23	Oct 09	154	135	117
Glendive	Dawson	36	May 01	May 14	May 28	Sep 04	Sep 18	Oct 02	144	126	107
		32	Apr 21	May 05	May 19	Sep 10	Sep 27	Oct 14	168	145	121
		28	Apr 14	Apr 27	May 09	Sep 21	Oct 06	Oct 21	181	162	142
Hamilton	Ravalli	36	May 20	Jun 07	Jun 25	Aug 25	Sep 05	Sep 16	110	89	68
		32	May 06	May 24	Jun 12	Sep 06	Sep 20	Oct 03	143	117	92
		28	Apr 19	May 04	May 19	Sep 17	Oct 03	Oct 20	175	152	128
Hardin	Big Horn	36	May 09	May 31	Jun 22	Aug 27	Sep 09	Sep 23	125	100	76
		32	Apr 27	May 17	Jun 05	Sep 06	Sep 20	Oct 05	149	126	103
		28	Apr 17	May 01	May 14	Sep 15	Oct 01	Oct 17	170	153	135
Harlem	Blaine	36	May 17	Jun 05	Jun 24	Aug 18	Sep 04	Sep 22	119	91	63
		32	May 06	May 23	Jun 08	Sep 02	Sep 15	Sep 28	137	114	91
		28	Apr 23	May 08	May 24	Sep 09	Sep 24	Oct 08	157	138	118

1/ This table gives the probability of a later date in the spring and an earlier date in the fall of the occurrence of temperatures as cold, or colder, than 36, 32, and 28 degrees Fahrenheit and the probable length of the freeze-free period relative to the same temperature threshold.

FREEZE/FROST OCCURRENCE DATA, Average, 1961-90 1/

STATION	COUNTY	Temp Threshold (Degrees F)	Spring (Date) Probability Level			Fall (Date) Probability Level			Freeze-Free Period Probability Level		
			90	50	10	10	50	90	10	50	90
Harlowton	Wheatland	36	May 27	Jun 18	Jul 10	Aug 17	Aug 29	Sep 10	98	72	45
		32	May 08	May 27	Jun 15	Aug 29	Sep 11	Sep 24	131	106	81
		28	Apr 27	May 15	Jun 03	Sep 06	Sep 22	Oct 07	151	129	106
Helena WSO	Lewis & Clark	36	May 16	Jun 04	Jun 23	Aug 25	Sep 08	Sep 21	120	95	70
		32	May 02	May 18	Jun 02	Sep 02	Sep 18	Oct 03	141	122	104
		28	Apr 16	May 02	May 18	Sep 13	Sep 29	Oct 16	172	149	126
Hysham	Treasure	36	May 12	May 28	Jun 13	Aug 28	Sep 09	Sep 21	122	103	84
		32	Apr 29	May 16	Jun 01	Sep 04	Sep 18	Oct 02	143	124	106
		28	Apr 16	Apr 30	May 14	Sep 15	Oct 02	Oct 18	173	154	135
Jordan	Garfield	36	May 17	Jun 04	Jun 23	Aug 18	Sep 03	Sep 19	115	90	65
		32	May 03	May 19	Jun 03	Aug 31	Sep 14	Sep 27	136	117	99
		28	Apr 23	May 05	May 17	Sep 08	Sep 23	Oct 09	157	140	124
Kalispell	Flathead	36	May 20	Jun 12	Jul 05	Aug 26	Sep 07	Sep 19	116	87	57
		32	Apr 30	May 20	Jun 10	Sep 07	Sep 20	Oct 03	148	122	96
		28	Apr 11	Apr 28	May 15	Sep 15	Oct 02	Oct 19	183	157	130
Lewistown FAA AP	Fergus	36	May 22	Jun 15	Jul 10	Aug 20	Sep 03	Sep 17	106	79	51
		32	May 10	May 24	Jun 07	Sep 01	Sep 18	Oct 04	137	116	94
		28	Apr 25	May 10	May 26	Sep 09	Sep 25	Oct 12	156	137	118
Medicine Lake 3 SE	Sheridan	36	May 09	May 28	Jun 16	Aug 18	Sep 05	Sep 23	124	99	74
		32	May 02	May 18	Jun 03	Sep 01	Sep 18	Oct 05	148	123	98
		28	Apr 23	May 11	May 29	Sep 07	Sep 24	Oct 11	160	136	111
Miles City FAA AP	Custer	36	Apr 30	May 16	Jun 01	Sep 05	Sep 21	Oct 08	148	128	107
		32	Apr 22	May 07	May 22	Sep 13	Sep 29	Oct 15	167	145	122
		28	Apr 11	Apr 25	May 09	Sep 27	Oct 12	Oct 27	189	169	149
Plevna	Fallon	36	May 15	Jun 04	Jun 24	Aug 18	Sep 03	Sep 18	113	90	67
		32	May 05	May 21	Jun 06	Aug 26	Sep 14	Oct 03	141	116	90
		28	Apr 25	May 09	May 23	Sep 07	Sep 24	Oct 12	158	137	117
Poplar	Roosevelt	36	May 07	May 24	Jun 10	Aug 31	Sep 12	Sep 25	132	110	89
		32	May 01	May 15	May 29	Sep 07	Sep 20	Oct 03	146	127	108
		28	Apr 20	May 04	May 19	Sep 11	Sep 27	Oct 13	165	145	125
Roundup	Musselshell	36	May 12	May 29	Jun 15	Aug 30	Sep 10	Sep 21	123	103	84
		32	Apr 28	May 14	May 30	Sep 01	Sep 17	Oct 03	144	125	106
		28	Apr 18	May 02	May 15	Sep 14	Sep 29	Oct 14	167	150	133
Scobey	Daniels	36	May 12	May 29	Jun 14	Aug 18	Sep 06	Sep 26	124	100	76
		32	May 02	May 18	Jun 03	Aug 29	Sep 15	Oct 01	141	119	98
		28	Apr 20	May 07	May 24	Sep 06	Sep 26	Oct 15	167	140	114
Sidney	Richland	36	May 10	May 31	Jun 21	Aug 26	Sep 08	Sep 22	122	99	76
		32	May 04	May 17	May 29	Sep 06	Sep 19	Oct 01	142	125	107
		28	Apr 22	May 07	May 21	Sep 12	Sep 26	Oct 09	159	141	124
Stanford 1 WNW	Judith Basin	36	Jun 02	Jun 24	Jul 16	Aug 18	Aug 30	Sep 12	92	66	40
		32	May 16	Jun 03	Jun 20	Aug 28	Sep 11	Sep 24	122	99	76
		28	May 01	May 15	May 29	Sep 08	Sep 23	Oct 08	151	130	109
Terry	Prairie	36	May 09	May 26	Jun 12	Aug 24	Sep 09	Sep 25	125	105	85
		32	Apr 30	May 14	May 28	Sep 06	Sep 18	Sep 30	143	126	109
		28	Apr 19	May 03	May 17	Sep 09	Sep 26	Oct 13	170	146	122
Thompson Falls PH	Sanders	36	May 17	Jun 08	Jun 30	Aug 29	Sep 11	Sep 25	121	94	67
		32	May 01	May 16	Jun 01	Sep 07	Sep 24	Oct 10	154	130	105
		28	Apr 19	May 04	May 19	Sep 17	Oct 07	Oct 27	181	156	131
Townsend	Broadwater	36	May 26	Jun 17	Jul 09	Aug 21	Sep 03	Sep 15	101	77	53
		32	May 12	May 28	Jun 12	Aug 27	Sep 11	Sep 26	128	106	84
		28	Apr 25	May 10	May 24	Sep 07	Sep 24	Oct 11	161	137	112
Vida	McCone	36	May 08	May 21	Jun 04	Aug 28	Sep 12	Sep 27	135	113	91
		32	Apr 28	May 14	May 30	Sep 05	Sep 20	Oct 05	149	129	108
		28	Apr 16	May 03	May 19	Sep 15	Oct 01	Oct 17	170	151	131
Westby	Sheridan	36	May 12	May 27	Jun 12	Aug 18	Sep 05	Sep 23	126	100	74
		32	May 01	May 17	Jun 02	Sep 04	Sep 18	Oct 02	147	123	99
		28	Apr 23	May 07	May 21	Sep 09	Sep 25	Oct 12	160	141	122
Wibaux	Wibaux	36	May 23	Jun 17	Jul 11	Aug 12	Aug 28	Sep 12	100	72	43
		32	May 05	May 23	Jun 09	Aug 21	Sep 08	Sep 26	134	108	81
		28	Apr 25	May 12	May 29	Sep 06	Sep 23	Oct 10	157	133	108

1/ This table gives the probability of a later date in the spring and an earlier date in the fall of the occurrence of temperatures as cold, or colder, than 36, 32, and 28 degrees Fahrenheit and the probable length of the freeze-free period relative to the same temperature threshold

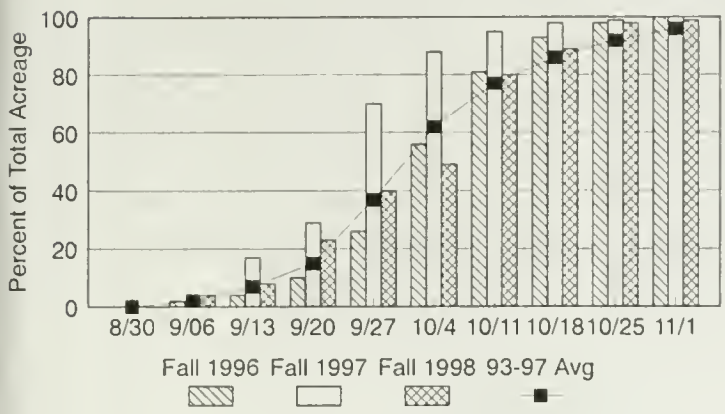
CLIMATOLOGICAL DATA: Annual and Growing Season Precipitation and Frost-Free Days 1996-97

STATIONS	COUNTY	PRECIPITATION						FROST-FREE DAYS 1/		
		ANNUAL			April - September			GROWING SEASON		
		1996	1997	Normal 2/	1996	1997	Normal 2/	1996	1997	Avg 3/
		Inches						Days		
Barber	Golden Valley	10.07	15.04	12.46	5.77	13.11	9.31	--	--	117
Big Fork, 13 S	Lake	27.05	22.59	22.41	12.13	14.54	12.50	160	168	163
Big Timber	Sweet Grass	15.34	21.05	15.43	7.81	16.89	10.80	131	124	124
Billings, WSO	Yellowstone	12.33	14.57	15.08	8.20	10.74	9.61	140	143	153
Bozeman, MSU	Gallatin	18.15	25.57	19.20	9.18	18.20	12.70	131	139	122
Broadus	Power River	--	13.06	13.71	11.13	10.37	9.76	137	124	116
Butte	Silver Bow	17.10	19.96	12.10	9.73	14.33	8.76	60	86	65
Chester	Liberty	9.79	9.24	10.64	6.75	7.34	8.23	126	123	104
Chinook	Blaine	12.91	10.64	12.40	7.93	8.67	9.66	135	--	118
Circle	McCone	11.65	8.52	13.36	9.97	6.39	10.42	136	113	119
Columbus	Stillwater	15.39	20.21	14.74	8.69	14.25	10.28	124	124	127
Conrad	Pondera	11.36	11.55	11.88	7.61	9.42	8.99	117	122	98
Culbertson	Roosevelt	13.62	11.12	13.90	10.37	8.96	11.17	134	113	112
Cut Bank	Glacier	12.92	9.17	11.79	9.56	7.61	9.46	135	123	114
Dillon	Beaverhead	7.83	16.03	11.60	4.74	10.85	8.96	108	123	92
Ekalaka	Carter	17.20	17.87	16.68	10.87	13.55	12.70	134	123	126
Fairfield	Teton	10.47	12.76	12.46	6.55	10.99	9.80	135	163	125
Flatwillow, 4 ENE	Petroleum	12.46	10.88	13.59	7.92	8.96	10.22	136	123	125
Forsyth	Rosebud	15.92	13.46	--	8.84	10.00	--	139	124	140
Ft. Benton	Chouteau	12.99	11.18	14.38	8.23	9.51	10.30	137	123	125
Glasgow, WSO	Valley	10.40	11.75	10.96	7.36	9.86	8.64	139	139	139
Glendive	Dawson	13.68	11.64	13.61	10.24	9.94	10.60	144	139	149
Great Falls	Cascade	11.14	14.04	15.21	7.42	11.41	10.30	124	123	128
Hamilton	Ravalli	18.43	12.94	13.27	6.54	7.13	7.54	137	151	116
Hardin	Big Horn	9.66	11.02	12.72	6.90	7.43	8.71	140	143	132
Harlowton	Wheatland	11.62	21.60	13.76	6.29	19.16	10.40	108	120	112
Havre	Hill	9.76	7.93	11.16	6.50	7.08	8.17	134	--	131
Helena	Lewis & Clark	9.72	10.57	11.60	6.99	8.33	8.16	108	124	123
Hysham	Treasure	14.69	14.56	13.26	8.72	11.29	9.62	139	124	131
Joliet	Carbon	11.79	18.02	16.26	6.81	12.86	11.00	108	124	122
Jordan	Garfield	15.36	9.38	13.01	10.33	8.07	10.00	137	123	121
Kalispell	Flathead	25.23	17.56	16.51	11.44	10.64	8.96	74	115	109
Lame Deer, 3 W	Rosebud	--	--	15.42	--	--	10.80	--	103	84
Lewistown, FCWOS	Fergus	12.83	18.99	18.14	8.18	14.93	12.80	134	124	108
Livingston, FCWOS	Park	14.37	17.71	15.68	8.68	13.07	11.30	108	124	107
Malta, 7 E	Phillips	10.71	14.01	--	7.40	11.48	--	134	131	120
Medicine Lake, 3 SE	Sheridan	14.02	11.66	13.27	11.10	10.12	10.50	136	113	135
Miles City	Custer	13.11	9.84	14.07	8.18	7.89	10.40	137	143	148
Missoula WSO	Missoula	19.55	14.75	13.46	8.73	8.59	7.75	115	135	113
Plentywood	Sheridan	12.29	10.43	12.75	9.08	8.37	10.19	121	120	123
Plevna	Fallon	14.01	13.44	14.41	9.38	10.31	10.91	135	103	116
Roundup	Musselshell	13.59	12.18	12.57	8.94	10.18	9.54	136	114	135
Savage	Richland	12.30	14.96	13.59	8.99	13.38	10.97	--	123	137
Scobey, 4 NW	Daniels	12.41	12.89	--	9.59	10.90	--	118	113	106
Sidney	Richland	15.18	14.33	13.67	10.40	12.34	10.53	121	123	133
Stanford	Judith Basin	14.43	18.38	16.58	8.84	15.83	12.40	135	123	111
St. Ignatius	Lake	22.14	13.00	16.66	10.28	9.42	10.42	136	153	129
Terry	Prairie	15.48	13.00	11.50	10.52	11.25	9.26	136	129	117
Thompson Falls PH	Sanders	32.54	25.92	22.97	10.55	10.90	9.16	125	153	126
Townsend	Broadwater	10.05	14.92	11.28	6.29	12.54	8.42	125	124	119
Valier	Pondera	11.33	11.50	12.14	9.22	9.96	9.77	135	122	119
Vida, 6 NE	McCone	12.44	14.16	15.03	9.43	12.40	11.60	135	122	126
Virginia City	Madison	16.09	21.12	16.49	10.91	15.40	11.36	79	96	89
Wibaux, 2 E	Wibaux	15.21	11.81	13.95	12.45	10.09	11.23	106	122	115
Wilsall, 8 ENE	Park	19.11	25.57	20.61	9.07	19.27	13.95	61	122	98
Wyola, 1 SW	Big Horn	13.61	15.47	17.10	8.85	11.46	11.20	108	120	107

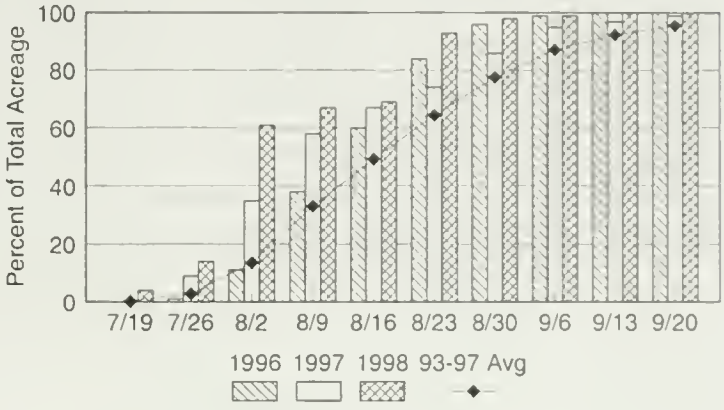
1/ Days between last frost (32 degrees) in spring and first frost (32 degrees) after June 30. 2/ Normal for period 1961-1990.
3/ 1986-1995 average frost free days -- Data not available.
SOURCE: NATIONAL WEATHER SERVICE, NOAA, GREAT FALLS, MONTANA

Winter Wheat - Weekly Progress

Winter Wheat -- Seeded

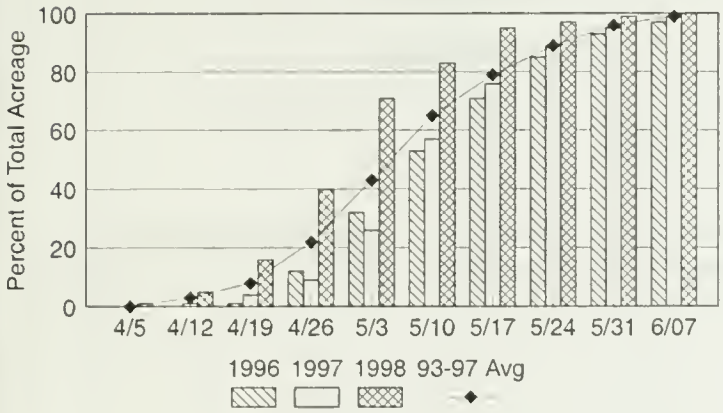


Winter Wheat -- Harvested

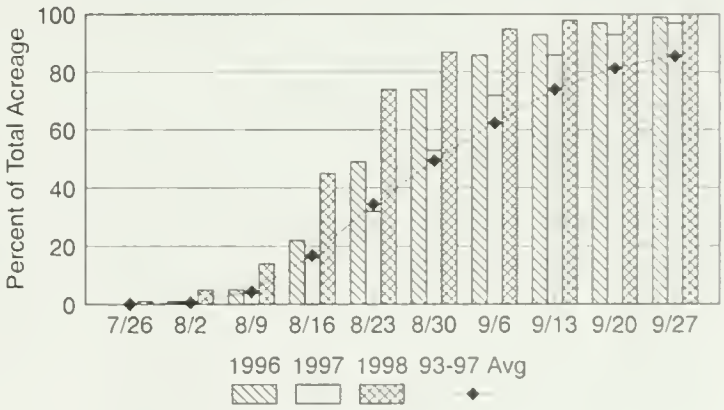


Spring Wheat - Weekly Progress

Spring Wheat -- Seeded

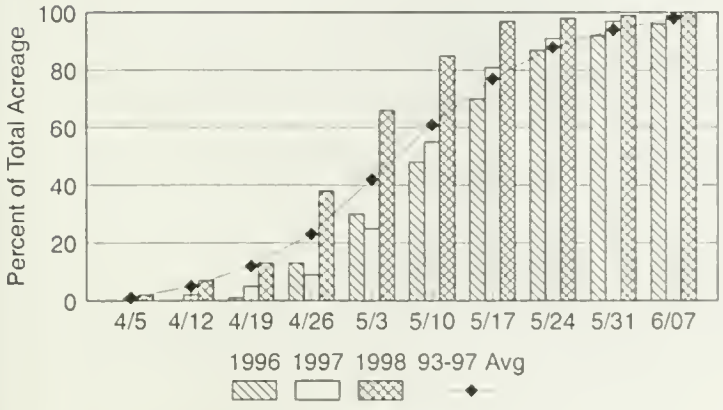


Spring Wheat -- Harvested

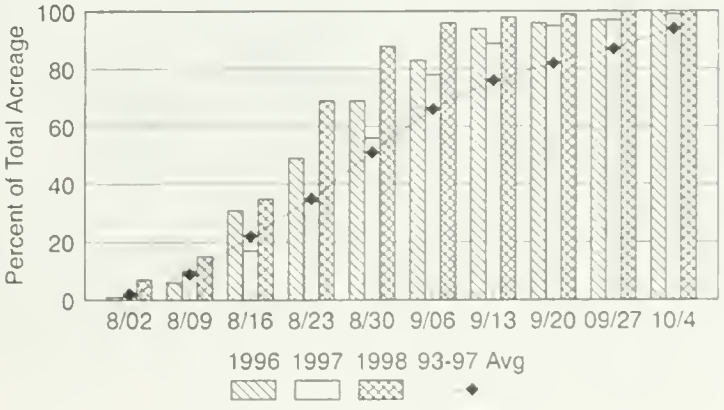


Barley - Weekly Progress

Barley -- Seeded



Barley -- Harvested

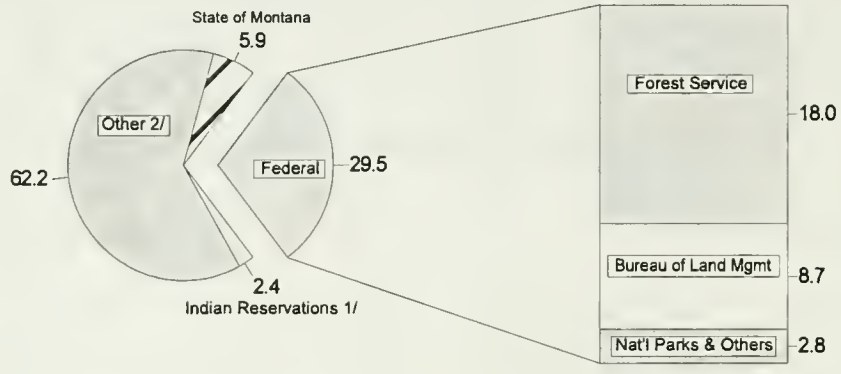


MONTANA FACTS AND FIGURES

Montana's 1990 population, at 799,065, rose 1.6 percent from 1980. Population density, measured in people per square mile, was 5.5 in 1990--third lowest in the United States. Montana's 59.7 million acres of land in farms and ranches ranks second in the Nation behind Texas.

MONTANA POPULATION		LAND AND LAND UTILIZATION 1/	
Total, 1990 Census	799,065	Montana Total Land Area, Miles	145,388 Sq. Miles
People Per Square Mile	5.5	Montana Total Land Area, Acres	93.0 Mil. Acres
Farm Population	45,718	All Land in Farms & Ranches	59,642,536 Acres
People Per Farm	1.9	Proportion of Land in Farms & Ranches	64.1 Percent
1/ 1992 U.S. Census of Agriculture.			

MONTANA LAND AREA: Ownership as a Percentage of Total



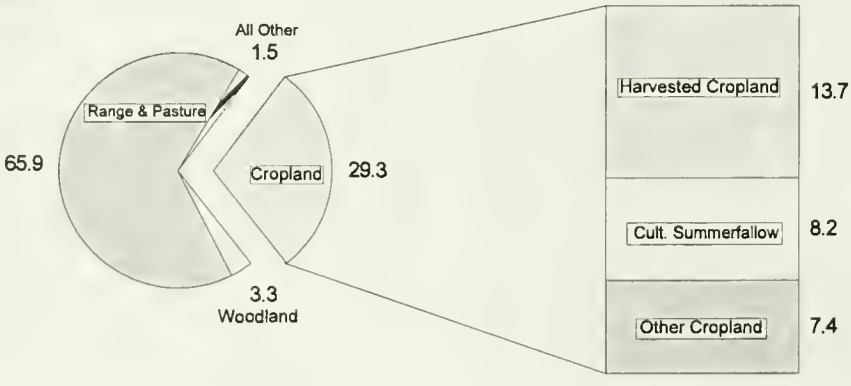
1/ Tribal lands only. 2/ Includes roads, railroads, airports, etc.
SOURCE: BLM "Public Land Statistics, 1983," USFS, BIA, State of Montana, Department of State Lands.

FARM COUNTS AND MEASUREMENTS, 1996

Number of Farms & Ranches 1/	23,000	Real Estate Value/Farm or Ranch	$719,264
Average Size of Farm or Ranch	2,596 Acres	Average Value Per Acre 3/	$305
Total Farm & Ranch Assets 2/	$21.1 Bil.	Farm & Ranch Debt Per Operation	$113,489
Average Value per Farm or Ranch	$915,477		

1/ Places with annual sales of agricultural products of $1,000 or more. 2/ Excludes farm operators' household assets and debt.
3/ Per acre, land and buildings, January 1, 1997.

LAND IN FARMS AND RANCHES: Utilization as Percentage of Total 1/



1/ 1992 U.S. Census of Agriculture.

NUMBER OF FARMS, Montana, 1910-1949

Year	Number of Farms (000)	Year	Number of Farms (000)	Year	Number of Farms (000)	Year	Number of Farms (000)
1910	28.8	1920	57.7	1930	55.0	1940	44.5
1911	31.5	1921	57.0	1931	54.5	1941	42.0
1912	34.0	1922	55.0	1932	54.0	1942	41.0
1913	37.0	1923	52.5	1933	53.5	1943	40.8
1914	40.0	1924	51.0	1934	53.0	1944	40.6
1915	45.0	1925	50.0	1935	52.0	1945	40.4
1916	50.0	1926	51.0	1936	50.0	1946	39.8
1917	54.0	1927	52.5	1937	48.0	1947	39.2
1918	56.0	1928	53.5	1938	46.0	1948	38.5
1919	57.0	1929	54.0	1939	45.0	1949	37.8

NUMBER OF FARMS, All Land in Farms, & Average Size of Farms, Montana, 1950-1997

Year	Number of Farms 1/ (000)	All Land in Farms (000) Acres	Average Size of All Farms Acres	Census Farms 2/ Reporting Cropland (000)	Census Acres of Cropland 2/ (000) Acres	Census Cropland Avg. Size 2/ Acres
1950	37.2	65,000	1,747	--	--	--
1951	36.8	65,200	1,772	--	--	--
1952	36.4	65,500	1,799	--	--	--
1953	35.9	65,800	1,833	--	--	--
1954	35.4	66,100	1,867	31.2	14,508	465
1955	34.8	66,100	1,899	--	--	--
1956	34.2	66,200	1,936	--	--	--
1957	33.6	66,300	1,973	--	--	--
1958	33.0	66,500	2,015	--	--	--
1959	32.4	66,600	2,056	27.5	15,078	549
1960	31.7	66,700	2,104	--	--	--
1961	30.8	66,800	2,169	--	--	--
1962	30.1	66,800	2,219	--	--	--
1963	29.5	66,800	2,264	--	--	--
1964	28.9	67,200	2,325	25.2	15,388	611
1965	28.4	66,700	2,349	--	--	--
1966	28.0	66,200	2,364	--	--	--
1967	27.6	65,700	2,380	--	--	--
1968	27.1	65,200	2,406	--	--	--
1969	26.7	64,700	2,423	22.7	16,109	710
1970	26.4	64,200	2,432	--	--	--
1971	26.0	63,700	2,450	--	--	--
1972	25.5	63,200	2,478	--	--	--
1973	25.1	63,000	2,510	--	--	--
1974	24.6	62,800	2,553	21.4	15,446	722
1975	23.4	62,200	2,658	--	--	--
1976	23.4	62,200	2,658	--	--	--
1977	23.5	62,100	2,643	--	--	--
1978	23.6	62,100	2,631	21.4	16,233	759
1979	23.7	62,100	2,620	--	--	--
1980	23.8	61,900	2,601	--	--	--
1981	23.9	61,700	2,582	--	--	--
1982	24.0	61,500	2,563	20.7	16,452	795
1983	24.1	61,300	2,544	--	--	--
1984	24.2	61,100	2,525	--	--	--
1985	24.3	61,000	2,510	--	--	--
1986	24.4	60,900	2,496	--	--	--
1987	24.5	60,800	2,482	21.1	17,830	845
1988	24.6	60,700	2,467	--	--	--
1989	24.7	60,600	2,453	--	--	--
1990	24.7	60,500	2,449	--	--	--
1991	24.7	60,300	2,441	--	--	--
1992	24.3	60,000	2,469	19.4	17,495	902
1993	23.8	59,800	2,513	--	--	--
1994	22.5	59,700	2,653	--	--	--
1995	22.0	59,700	2,714	--	--	--
1996	23.0	59,700	2,596	--	--	--
1997 3/	24.0	59,600	2,483	--	--	--

1/ Beginning in 1975, places that had annual sales of agricultural products of $1,000 or more 2/ United States Census of Agriculture 3/ 1998 data available in February 1999

NUMBER OF LIVESTOCK FARMS, Montana, 1991-1997

ITEM	1991	1992	1993	1994	1995	1996	1997
All Cattle	13,400	13,300	13,100	13,000	12,700	13,200	12,800
Beef Cows	12,200	12,100	11,800	11,100	11,500	11,700	11,800
Milk Cows	1,600	1,400	1,100	1,000	900	800	750
Hogs	1,300	1,100	1,100	700	900	750	750
All Sheep	2,800	2,500	2,500	2,300	2,200	2,200	2,200

FARM REAL ESTATE: Value of Land & Buildings, Rent Per Acre & Rent to Value, Montana, 1988-97

YEAR	Per Acre	Rent Per Acre			Rent to Value 1/		
		Cropland		Pasture	Cropland		Pasture
		Non-Irrigated	Irrigated		Non-Irrigated	Irrigated	
	Dollars	Dollars			Percent		
1988	205	20.30	42.00	4.20	7.8	5.6	3.3
1989	202	23.90	54.40	5.00	8.4	8.5	6.3
1990	222	21.80	60.20	6.00	8.3	8.3	6.8
1991	219	18.40	43.60	5.10	7.3	6.6	5.0
1992	219	19.80	50.60	6.60	8.3	5.0	5.5
1993	227	21.00	54.80	8.10	7.8	5.5	5.8
1994 2/	254	24.10	49.70	6.20	8.4	7.3	4.7
1994 2/	254	15.20	3/	5.50	5.1	3/	4.7
1995	277	15.30	3/	5.10	5.1	3/	3.9
1996	289	17.00	3/	7.20	5.3	3/	4.3
1997	305	17.00	3/	3/	--	--	--

1/ Rent as a percentage of per acre value of rented land. 2/ Survey procedures changed from Agricultural Land Value Survey to June Agricultural Survey beginning in 1994. 1994 Value for both procedures are published for comparison. 3/ Insufficient information.

CENSUS OF AGRICULTURE: Farms by Size, Selected Years, Montana

FARMS BY SIZE	1954	1959	1964	1969	1974	1978	1982	1987	1992
1-9 Acres	1,455	675	704	1,283	1,177	1,255	1,551	1,940	1,209
10-49 Acres	1,893	1,690	1,641	1,485	1,550	1,889	2,673	2,745	2,804
50-179 Acres	4,800	3,804	3,393	2,791	2,707	2,987	3,080	3,019	3,061
180-499 Acres	5,952	4,938	4,396	3,757	3,436	3,420	3,097	3,315	2,964
500-999 Acres	5,553	4,671	3,954	3,339	2,990	2,928	2,640	2,737	2,521
1,000-1,999 Acres	1/	1/	5,101	4,700	4,053	4,011	3,345	3,460	3,040
2,000 Acres or More	13,408	13,181	7,831	7,596	7,411	7,075	7,184	7,352	7,222
Total Farms	33,061	28,959	27,020	24,951	23,324	23,565	23,570	24,568	22,821

1/ Combined with "2,000 Acres or More" in 1954 and 1959.

CENSUS OF AGRICULTURE: Farms by Value of Sales, Selected Years, Montana

	1954	1959	1964	1969	1974	1978	1982	1987	1992
Less than $2,500	9,654	6,469	5,886	4,525	3,340	2,842	3,914	4,320	4,073
$2,500-$4,999	6,003	4,024	3,522	2,375	1,655	1,991	1,795	2,006	1,764
$5,000-$9,999	7,760	6,570	5,518	3,800	2,520	2,538	2,295	2,374	2,131
$10,000-$24,999	6,905	11,691	2/	2/	2/	4,573	3,703	3,912	3,413
$25,000-$49,999	2,581	--	11,753	13,512	13,565	4,757	3,592	3,695	3,051
$50,000-$99,999	--	--	2/	2/	2/	4,024	3,928	4,064	3,528
$100,000-$499,999	--	--	251	597	2,036	2,567	3,981	3,945	4,492
$500,000 or More	--	--	3/	49	106	160	263	252	369

2/ Combined with "$25,000-$49,999" for 1964, 1969, and 1974. 3/ Combined with "$100,000-$499,999" in 1964.

CENSUS OF AGRICULTURE: Number of Farms, Land in Farms, Average Farm Size, Montana, 1987 and 1992

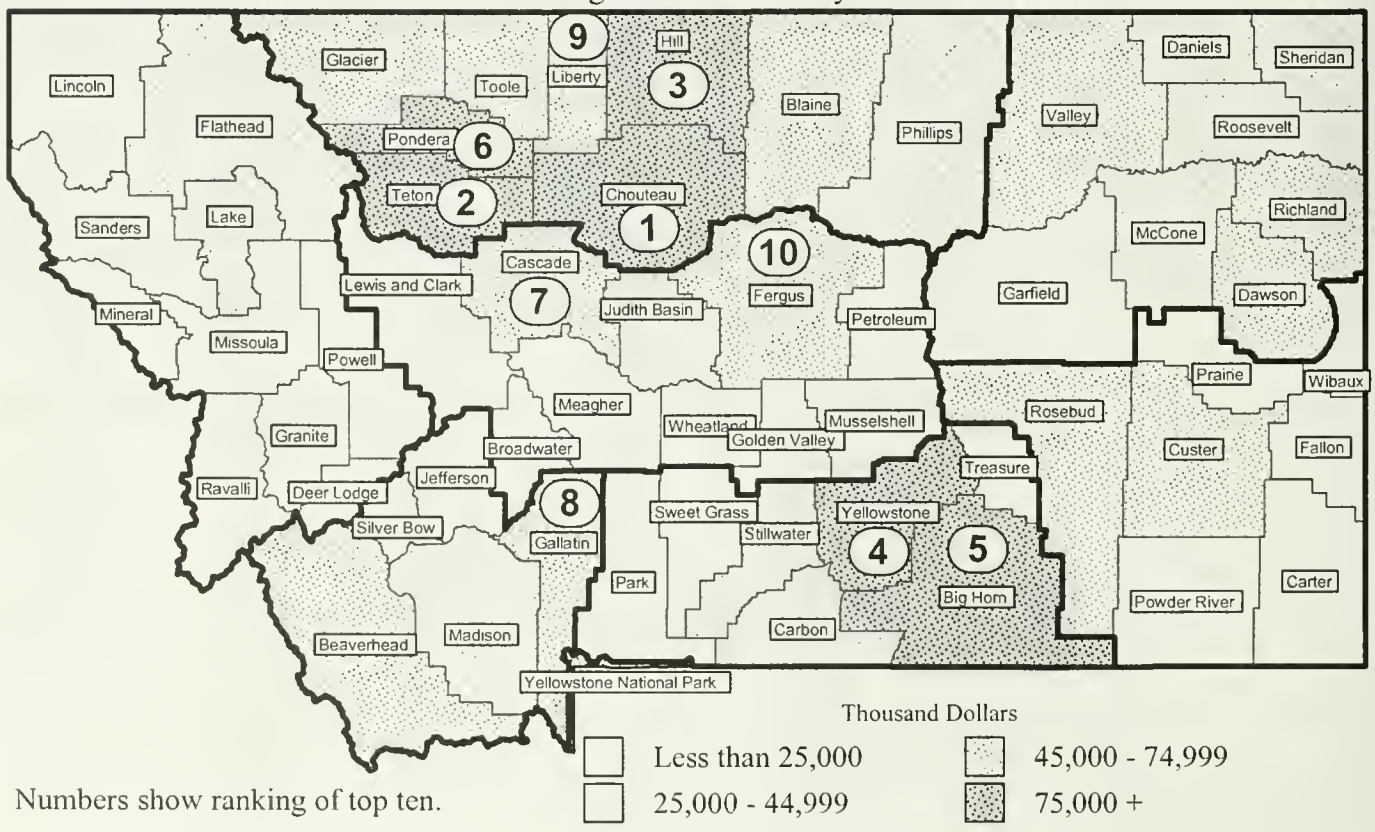
COUNTY & DISTRICT	1987			1992		
	Number of Farms	Land in Farms Acres	Average Size Farms - Acres	Number of Farms	Land in Farms Acres	Average Size Farms - Acres
Deer Lodge	72	152,109	2,113	70	135,126	1,930
Flathead	825	258,633	313	813	277,050	341
Granite	149	348,102	2,336	138	349,938	2,536
Lake	1,079	655,528	608	948	631,377	666
Lincoln	245	61,387	251	219	50,220	229
Mineral	58	14,517	250	67	19,158	286
Missoula	473	253,098	535	450	248,215	552
Powell	237	670,508	2,829	233	675,569	2,899
Ravalli	1,010	254,761	252	937	241,655	258
Sanders	382	374,629	981	348	381,104	1,095
NORTHWEST	**4,530**	**3,043,272**	**672**	**4,223**	**3,009,412**	**713**
Blaine	529	2,433,747	4,601	514	2,338,866	4,550
Chouteau	795	2,228,089	2,803	737	2,277,936	3,091
Glacier	405	1,646,324	4,065	376	1,730,537	4,602
Hill	713	1,722,206	2,415	641	1,644,001	2,565
Liberty	295	934,149	3,167	274	951,780	3,474
Phillips	492	1,938,423	3,940	479	1,968,857	4,110
Pondera	491	906,847	1,847	463	893,872	1,931
Teton	622	1,048,553	1,686	556	1,178,885	2,120
Toole	393	1,131,519	2,879	358	1,063,086	2,970
N. CENTRAL	**4,735**	**13,989,857**	**2,955**	**4,398**	**14,047,820**	**3,194**
Daniels	381	780,023	2,047	325	761,459	2,343
Dawson	499	1,326,655	2,659	451	1,334,041	2,958
Garfield	297	2,063,133	6,947	263	2,000,266	7,606
McCone	441	1,277,022	2,896	415	1,290,134	3,109
Richland	620	1,194,869	1,927	563	1,197,028	2,126
Roosevelt	598	1,364,020	2,281	525	1,414,415	2,694
Sheridan	600	1,024,567	1,708	526	962,450	1,830
Valley	720	1,855,880	2,578	624	1,688,070	2,705
NORTHEAST	**4,156**	**10,886,169**	**2,619**	**3,692**	**10,647,863**	**2,884**
Broadwater	213	458,807	2,154	205	449,970	2,195
Cascade	805	1,461,224	1,815	792	1,424,228	1,798
Fergus	838	2,143,210	2,558	804	2,232,575	2,777
Golden Valley	135	625,754	4,635	121	636,514	5,260
Judith Basin	351	870,945	2,481	328	868,064	2,647
Lewis & Clark	480	888,725	1,852	438	883,479	2,017
Meagher	144	1,012,764	7,033	134	912,154	6,807
Musselshell	249	1,042,418	4,186	253	1,031,872	4,079
Petroleum	111	663,795	5,980	105	669,516	6,376
Wheatland	145	823,195	5,677	146	850,599	5,826
CENTRAL	**3,471**	**9,990,837**	**2,878**	**3,326**	**9,958,971**	**2,994**
Beaverhead	373	1,525,564	4,090	345	1,342,484	3,891
Gallatin	850	731,603	861	789	699,409	886
Jefferson	256	378,805	1,480	236	367,482	1,557
Madison	453	1,195,898	2,640	418	1,271,160	3,041
Silver Bow	114	115,350	1,012	105	99,746	950
SOUTHWEST	**2,046**	**3,947,220**	**1,929**	**1,893**	**3,780,281**	**1,997**
Big Horn	501	2,759,309	5,508	485	3,002,378	6,190
Carbon	635	536,553	845	599	598,694	999
Park	404	790,046	1,956	385	777,803	2,020
Stillwater	447	842,673	1,885	446	889,294	1,994
Sweetgrass	308	873,119	2,835	295	837,904	2,840
Treasure	121	616,145	5,092	113	599,014	5,301
Yellowstone	1,043	1,397,972	1,340	994	1,454,669	1,463
S. CENTRAL	**3,459**	**7,815,817**	**2,260**	**3,317**	**8,159,756**	**2,460**
Carter	353	1,629,533	4,616	308	1,619,482	5,258
Custer	397	2,183,542	5,500	380	2,085,181	5,487
Fallon	324	919,615	2,838	302	944,497	3,127
Powder River	351	1,668,688	4,754	295	1,629,363	5,523
Prairie	191	704,878	3,690	165	683,088	4,140
Rosebud	363	2,908,183	8,012	357	2,585,834	7,243
Wibaux	192	516,382	2,689	165	490,988	2,976
SOUTHEAST	**2,171**	**10,530,821**	**4,851**	**1,972**	**10,038,433**	**5,090**
MONTANA	**24,568**	**60,203,993**	**2,451**	**22,821**	**59,642,536**	**2,613**

CASH RECEIPTS: From Sale of Principal Products & Government Payments, Montana, 1988-97

YEAR	Livestock & Livestock Products	Crops	Total Receipts from Marketings	Government Payments	Total All Cash Receipts
	(000) Dollars				
1988	815,336	585,161	1,400,497	386,734	1,787,231
1989	954,144	617,307	1,571,451	289,382	1,860,833
1990	848,371	760,227	1,608,598	299,599	1,908,197
1991	800,959	728,917	1,529,876	320,133	1,850,009
1992	911,250	869,549	1,780,799	298,773	2,079,572
1993	949,317	856,924	1,806,241	338,008	2,144,249
1994	855,660	1,028,954	1,884,614	256,143	2,140,757
1995	796,251	1,073,896	1,870,147	189,809	2,059,956
1996	796,927	1,202,522	1,999,449	240,720	2,240,169
1997	991,494	1,071,848	2,063,342	230,918	2,294,260

Cash Receipts from Farm Marketings - 1996

Excluding Government Payments



Numbers show ranking of top ten.

CASH RECEIPTS: From Sale of Principal Products and Government Payments, 1996 1/ 2/

County & District	Livestock & Livestock Products		Crops		Total Cash Receipts		Government Payments	All Cash Receipts
	(000) Dols	Rank	(000) Dols	Rank	(000) Dols	Rank	(000) Dols.	(000) Dols.
Deer Lodge	2,343	54	2,354	50	4,697	53	95	4,792
Flathead	10,269	37	19,642	23	29,911	29	835	30,746
Granite	6,721	47	1,370	53	8,091	51	113	8,204
Lake	20,865	15	17,682	24	38,547	23	975	39,522
Lincoln	1,438	55	598	54	2,036	55	2/	2,036
Mineral	631	56	390	55	1,021	56	2/	1,021
Missoula	5,613	50	2,225	51	7,838	52	193	8,031
Powell	13,803	28	3,023	47	16,826	44	201	17,027
Ravalli	17,393	20	5,209	42	22,602	34	273	22,875
Sanders	6,513	48	4,580	45	11,093	46	222	11,315
NORTHWEST	**85,589**		**57,073**		**142,662**		**2,907**	**145,569**
Blaine	25,032	10	24,335	18	49,367	17	9,565	58,932
Chouteau	11,982	31	120,449	1	132,431	1	22,025	154,456
Glacier	15,254	22	38,678	9	53,932	14	6,364	60,296
Hill	10,556	35	96,010	2	106,566	3	17,484	124,050
Liberty	8,213	40	58,373	5	66,586	9	8,505	75,091
Phillips	23,427	12	19,933	22	43,360	22	8,418	51,778
Pondera	11,941	32	66,385	4	78,326	6	8,680	87,006
Teton	35,632	5	77,105	3	112,737	2	9,513	122,250
Toole	7,273	43	54,151	6	61,424	11	11,028	72,452
NORTH CENTRAL	**149,310**		**555,419**		**704,729**		**101,582**	**806,311**
Daniels	5,364	51	23,342	19	28,706	30	8,121	36,827
Dawson	14,634	23	31,263	14	45,897	19	5,730	51,627
Garfield	14,561	24	9,974	33	24,535	31	5,363	29,898
McCone	11,239	33	20,949	21	32,188	28	8,500	40,688
Richland	18,848	17	41,029	7	59,877	12	6,115	65,992
Roosevelt	7,543	41	36,225	13	43,768	21	9,686	53,454
Sheridan	6,127	49	29,563	17	35,690	24	10,002	45,692
Valley	12,204	29	38,811	8	51,015	15	12,019	63,034
NORTHEAST	**90,520**		**231,156**		**321,676**		**65,536**	**387,212**
Broadwater	6,982	45	13,185	28	20,167	36	2,687	22,854
Cascade	35,167	6	38,008	11	73,175	7	7,275	80,450
Fergus	31,794	7	30,811	15	62,605	10	7,415	70,020
Golden Valley	7,422	42	2,188	52	9,610	49	2,447	12,057
Judith Basin	20,827	16	11,930	30	32,757	27	3,524	36,281
Lewis & Clark	14,106	26	5,686	39	19,792	38	916	20,708
Meagher	12,083	30	6,567	37	18,650	41	871	19,521
Musselshell	8,384	39	7,209	35	15,593	45	2,149	17,742
Petroleum	7,264	44	2,558	49	9,822	48	1,032	10,854
Wheatland	14,104	27	5,808	38	19,912	37	2,298	22,210
CENTRAL	**158,133**		**123,950**		**282,083**		**30,614**	**312,697**
Beaverhead	41,949	3	15,135	25	57,084	13	1,012	58,096
Gallatin	28,500	9	38,319	10	66,819	8	2,732	69,551
Jefferson	6,877	46	3,370	46	10,247	47	478	10,725
Madison	20,884	14	13,749	27	34,633	25	1,079	35,712
Silver Bow	2,539	53	102	56	2,641	54	2/	2,641
SOUTHWEST	**100,749**		**70,675**		**171,424**		**5,301**	**176,725**
Big Horn	51,340	2	30,009	16	81,349	5	3,909	85,258
Carbon	23,787	11	21,049	20	44,836	20	1,844	46,680
Park	14,189	25	4,876	44	19,065	39	1,178	20,243
Stillwater	21,402	13	12,246	29	33,648	26	3,886	37,534
Sweetgrass	15,834	21	2,601	48	18,435	42	466	18,901
Treasure	10,935	34	10,290	31	21,225	35	543	21,768
Yellowstone	52,472	1	37,439	12	89,911	4	4,862	94,773
SOUTH CENTRAL	**189,959**		**118,510**		**308,469**		**16,688**	**325,157**
Carter	17,573	19	5,659	40	23,232	32	2,869	26,101
Custer	40,239	4	9,213	34	49,452	16	2,206	51,658
Fallon	10,442	36	6,826	36	17,268	43	3,253	20,521
Powder River	18,186	18	4,931	43	23,117	33	2,049	25,166
Prairie	8,751	38	10,018	32	18,769	40	2,199	20,968
Rosebud	31,512	8	14,734	26	46,246	18	3,300	49,546
Wibaux	3,922	52	5,382	41	9,304	50	2,306	11,610
SOUTHEAST	**130,625**		**56,763**		**187,388**		**18,182**	**205,570**
MONTANA	**904,885**		**1,213,546**		**2,118,431**		**240,874**	**2,359,305**

1/ Includes estimates of inter-farm sales and intra-state sales resulting in larger total cash receipts than shown in USDA estimates on other pages.
2/ Payments of less than $50,000 included in State totals.

SOURCE: Bureau of Economic Analysis, U.S. Department of Commerce, Washington, D.C.

CASH RECEIPTS: From Marketings by Commodities, Montana, 1993-1997 1/

ITEM	1993	1994	1995	1996	1997
	(000) Dollars				
LIVESTOCK AND PRODUCTS					
Cattle and calves	818,162	728,590	667,838	655,770	856,677
Dairy products	39,026	40,478	40,299	44,688	37,488
Sheep and lambs	25,093	24,219	25,683	28,797	30,184
Wool	2,993	4,379	5,428	3,901	3,851
Hogs and pigs	40,503	33,332	33,634	37,065	34,328
Eggs	6,563	4,538	4,988	5,940	4,180
Honey	5,027	6,497	6,106	6,178	9,502
Other 2/	11,950	13,697	12,275	14,588	15,284
TOTAL	949,317	855,660	796,251	796,927	991,494
CROPS					
Wheat	561,062	705,597	726,894	813,239	699,280
Barley	86,439	121,117	141,945	151,413	140,923
Sugar beets	50,968	54,763	47,601	62,530	58,874
Hay	101,086	77,568	86,372	100,014	101,122
Potatoes	18,967	21,382	20,069	24,572	19,447
Oil crops	6,463	8,452	9,919	7,430	10,022
Oats	4,100	3,819	3,092	3,961	2,206
Dry beans	3,744	4,013	3,531	4,283	5,356
Corn	3,805	3,946	5,425	4,623	4,628
Cherries	167	770	916	893	936
All other 3/	20,123	27,527	28,132	29,564	29,054
TOTAL	856,924	1,028,954	1,073,896	1,202,522	1,071,848
ALL COMMODITIES	**1,806,241**	**1,884,614**	**1,870,147**	**1,999,449**	**2,063,342**

1/ Revised. 2/ Includes beeswax, bees; chickens, turkey & turkey eggs; rabbits; mink; and others. 3/ Includes other field crops and fruits; vegetables; seeds; and greenhouse and nursery products.

CASH RECEIPTS: From Marketings by Commodities, as a Percent of Total Receipts For All Commodities, Montana, 1993-1997 1/

ITEM	1993	1994	1995	1996	1997
LIVESTOCK AND PRODUCTS					
Cattle and calves	45.3	38.7	35.7	32.8	41.5
Dairy products	2.2	2.1	2.2	2.2	1.8
Sheep and lambs	1.4	1.3	1.4	1.4	1.5
Wool	0.2	0.2	0.3	0.2	0.2
Hogs and pigs	2.2	1.8	1.8	1.9	1.7
Chickens and eggs	0.4	0.2	0.3	0.3	0.2
Honey	0.3	0.3	0.3	0.3	0.5
Other	0.7	0.7	0.7	0.7	0.7
TOTAL	52.6	45.4	42.6	39.9	48.1
CROPS					
Wheat	31.1	37.4	38.9	40.7	33.9
Barley	4.8	6.4	7.6	7.6	6.8
Sugar beets	2.8	2.9	2.5	3.1	2.9
Hay	5.6	4.1	4.6	5.0	4.9
Potatoes	1.1	1.1	1.1	1.2	0.9
Other	2.1	2.6	2.7	2.5	2.5
TOTAL	47.4	54.6	57.4	60.1	51.9
ALL COMMODITIES	100.0	100.0	100.0	100.0	100.0

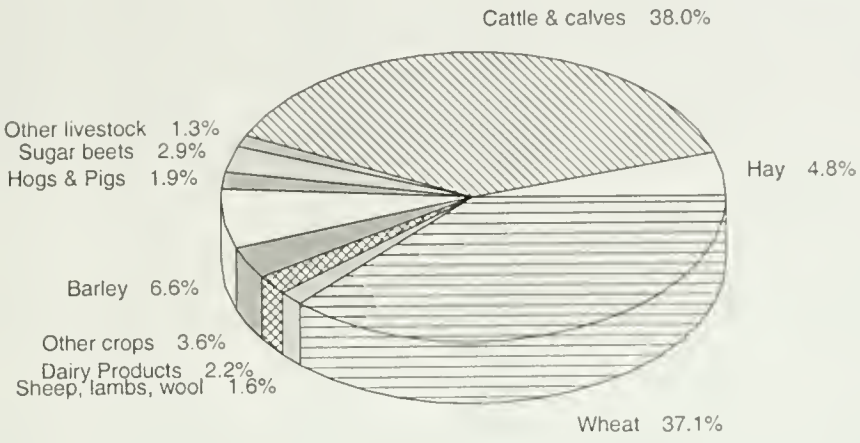
1/ Revised and details may not add to total because of rounding.

CASH RECEIPTS FROM MARKETINGS OF COMMODITIES, MONTANA 1/

1993-1996 Average

Livestock Products
$849,539,000
44.9%

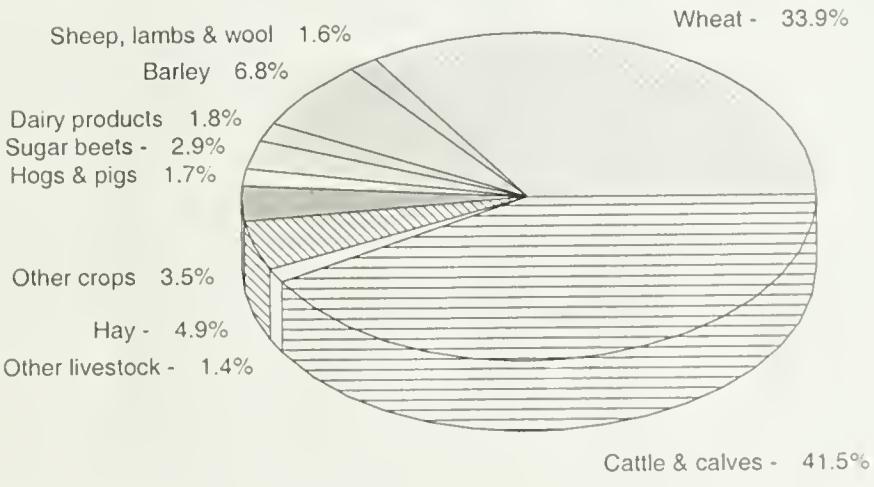
Crops
$1,040,574,000
55.1%



1997

Livestock Products
$991,494,000
48.1%

Crops
$1,071,848,000
51.9%



1/ Details may not add because of rounding.

VALUE ADDED: To The U.S. Economy by the Agricultural Sector, Montana, 1993 -1997 1/

ITEM	1993	1994	1995	1996	1997
	Million Dollars				
Final crop output	1,037.2	898.4	1,153.3	1,158.0	1,106.5
Food grains	561.1	705.6	726.9	813.2	699.3
Feed grains	195.4	206.5	236.8	260.0	248.9
Oil crops	6.5	8.5	9.9	7.4	10.0
Fruits	0.3	0.9	1.1	1.0	1.1
Vegetables	23.4	26.0	24.3	29.5	25.5
All other crops	70.3	81.5	74.9	91.3	87.1
Home consumption	0.8	.8	1.1	1.0	0.9
Value of inventory adjustment 2/	179.5	(131.4)	78.3	(45.5)	33.7
Final animal output	991.8	973.7	831.4	770.0	933.1
Meat animals	883.8	786.1	727.2	721.6	921.2
Dairy products	39.0	40.5	40.3	44.7	37.5
Poultry and eggs	6.9	4.8	5.3	6.2	4.7
Miscellaneous livestock	19.7	24.2	23.5	24.4	28.2
Home consumption	9.1	10.2	8.1	7.7	8.6
Value of inventory adjustment 2/	33.4	107.9	27.1	(34.7)	(67.0)
Services and forestry	202.3	219.2	240.1	264.0	255.2
Machine hire and custom work	34.9	37.4	36.3	35.2	40.9
Forest products sold	3.5	3.6	3.6	3.6	3.6
Other farm income	55.1	48.0	58.6	81.4	59.0
Gross imputed rental value of farm dwellings	108.8	130.2	141.5	143.7	151.7
Final agricultural sector output	2,231.3	2,091.2	2,224.8	2,192.0	2,294.7
(LESS) Intermediate consumption outlays	895.0	1,047.2	1,050.7	1,115.5	1,206.8
Farm orgin	205.5	225.2	215.9	232.1	294.2
Feed purchased	96.6	117.0	127.4	130.4	132.7
Livestock & poultry purchased	75.6	69.1	51.1	60.5	116.2
Seed purchased	33.4	39.1	37.4	41.2	45.2
Manufactured inputs	239.7	282.8	300.2	338.2	340.0
Fertilizers & lime	73.5	92.1	102.9	113.4	119.6
Pesticides	52.3	61.1	64.3	70.1	76.1
Petroleum fuel & oils	84.1	92.1	92.2	107.2	111.9
Electricity	29.8	37.6	40.9	47.5	32.4
Other intermediate expenses	449.8	539.2	534.5	545.1	572.6
Repairs & maintenance of capital items	142.3	161.4	157.9	172.4	168.1
Machine hire and custom work	48.4	49.9	61.8	43.1	47.5
Marketing, storage, and transportation expenses	49.0	57.1	56.2	54.2	74.2
Contract labor	7.7	7.0	10.5	12.7	13.9
Miscellaneous expenses	202.3	263.8	248.1	262.7	268.9
(PLUS) Net government transaction	230.7	132.7	59.5	106.1	92.7
+ Direct government payments	338.0	256.1	189.8	240.7	230.9
- Motor vehicle registration and licensing fees	10.5	13.1	10.5	11.5	12.3
- Property taxes	96.8	110.4	119.8	123.1	125.9
Gross value added	1,567.0	1,176.7	1,233.6	1,182.6	1,180.7
(LESS) Capital consumption	273.0	273.4	275.1	279.5	294.1
Net value added	1,294.0	903.3	958.5	903.1	886.6
(LESS) Factor payments	421.9	477.6	556.0	554.1	563.5
Employee compensation (total hired labor)	100.5	131.5	137.7	137.6	150.8
Net rent received by non-operator landlords	141.7	145.7	206.1	220.5	213.9
Real estate and non-real estate interest	179.7	200.3	212.2	196.0	198.9
Net farm Income	872.1	425.8	402.5	349.0	323.1

1/ Farm sector output is the gross value of the commodities and services produced within a year. Net value-added is the sector's contribution to the National economy and is the sum of the income from production earned by all factors of production. Net farm income is the farm operator's share of income from the sector's production activities. The concept presented is consistent with that employed by the Organization for Economic Cooperation and Development. 2/ A positive value of inventory change represents current-year production not sold by December 1. A negative value is an offset to production from prior years included in current-year sales.
SOURCE: Economic Indicators of the Farm Sector, State Income and Balance Sheet Statistics, UDSA--ERS

AGRICULTURE REMAINS THE NUMBER ONE INDUSTRY IN 1997

A comparison of selected Montana industries shows agriculture continues to outpace other industry sectors. Crop cash receipts declined for the first time in five years to $1,072 million, a drop of 11 percent from 1996. Livestock cash receipts showed a significant advance from 1996 to $991 million, an increase of 24 percent. Government payments declined 4 percent in 1997 to $231 million.

Gross sales in other industries were up, except the mining and gas and oil sectors. Receipts for non-residential travel increased $70 million over 1996, jumping nearly 5 percent. In the very volatile mining sectors, revenues decreased $4.3 million and gas and oil revenues decreased $10.4 million. Wood and paper products increased $60 million.

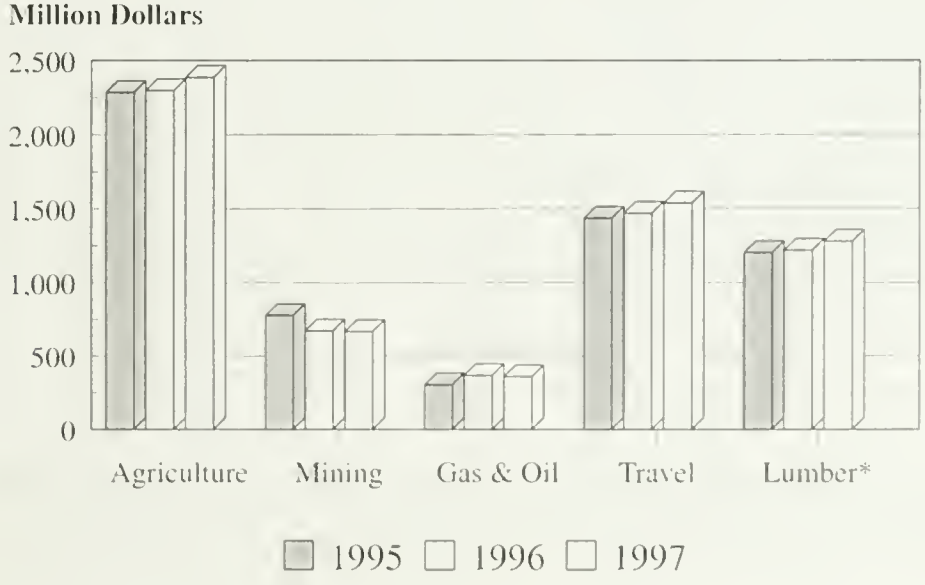
MONTANA SELECTED INDUSTRY COMPARISON

	1995	1996	1997	97/96
	Million Dollars			Percent
Agriculture 1/	2,284.3	2,298.1	2,387.4	103.9
Mining 2/	779.2	673.3	669.0	99.4
Gas & Oil 2/	305.6	370.3	359.9	97.2
Travel 3/, 4/	1,439.0	1,470.0	1,540.0	104.8
Wood & Paper Products 5/	1,206.0	1,220.0	1,280.0	104.9

1/ Final agricultural sector output plus government payments.
2/ Gross value, Montana Department of Revenue.
3/ Non-Resident Direct Economic Impact, Montana Department of Commerce, Promotion Division.
4/ Dollars are adjusted for inflation for base year 1997 using he National Consumer Price Index.
5/ Bureau of Business and Economic Research, The University of Montana.

A Comparison of Selected Industries

Montana, 1995-1997



*Wood & Paper Products

FERTILIZER AND FERTILIZER MATERIALS Sold in Montana, 1992-1997 1/

MATERIALS	1992	1993	1994	1995	1996	1997
	Tons					
Anhydrous Ammonia	48,890	44,271	51,745	69,086	86,891	65,863
Ammonium Nitrate	54,786	44,539	65,729	48,136	72,868	64,491
Ammonium Sulfate	10,388	10,909	16,882	14,390	31,914	19,947
Ammonium Thiosulfate	1,015	877	2,545	803	3,130	2,301
Urea	90,576	105,934	119,595	150,162	163,289	156,821
Nitrogen Solutions 32%	3,042	1,968	4,606	5,738	11,500	7,065
Nitrogen Solutions 28%	11,196	8,455	10,803	15,124	15,421	15,572
Phosphorus Material	4,445	2,441	2,856	5,715	2,456	2,939
Potash Material	26,232	23,108	32,332	30,674	46,955	32,651
Sulpher	840	1,705	1,941	1,630	1,084	1,919
Gypsum & Lime	370	1,933	724	814	686	1,023
Compost	1,200	1,281	11,593	13,088	876	0
Micronutrient Materials	476	472	1,146	808	654	601
AMMONIATED PHOSPHATES & MIXTURES						
18-46-0 (DAP)	43,567	39,195	46,186	47,500	61,633	45,015
16-20-0 (APS)	11,763	14,676	13,076	12,123	18,638	20,701
11-52-0 (MAP)	86,360	80,925	85,431	108,393	115,241	116,108
10-34-0 (Liquid)	5,365	3,420	4,084	8,761	7,288	4,453
Other Blends	13,750	13,453	10,026	5,411	4,820	4,832
TOTAL All Fertilizers & Materials	**418,982**	**397,957**	**481,300**	**538,356**	**645,344**	**562,292**
TOTAL Nitrogen	**130,158**	**126,906**	**150,358**	**175,652**	**214,659**	**184,755**
TOTAL Phosphate	**74,111**	**69,455**	**73,995**	**87,870**	**97,058**	**89,536**
TOTAL Potash	**15,739**	**13,865**	**19,399**	**18,404**	**28,173**	**19,591**

1/ Montana Commercial Fertilizer Report.

AGRICULTURAL CHEMICAL USE: Winter Wheat and Other Spring Wheat, Montana 1996-97

Crop/ Chemical	Area Applied 1/		Application		Rate Per Application		Rate Per Crop Year		Total Applied	
	1996	1997	1996	1997	1996	1997	1996	1997	1996	1997
	Percent		Number		Pounds per Acre		Pounds per Acre		(000) Lbs.	
WINTER WHEAT										
Fertilizers:										
Nitrogen	82	95	1.6	1.4	32	32	53	47	84,700	64,500
Phosphate	80	78	1.0	1.1	30	26	30	28	46,900	31,400
Potash	12	23	1.1	1.0	16	13	17	13	4,300	4,300
Herbicides:										
2,4-D	72	72	1.1	1.0	.41	.38	.44	.39	626	404
Bromoxynil	19	4	1.0	1.0	.22	.19	.22	.19	82	11
Dicamba	34	38	1.2	1.3	.10	.11	.12	.14	79	74
Glyphosate	30	35	1.0	1.6	.50	.31	.52	.50	310	251
MCPA	22	15	1.0	1.0	.23	.20	.23	.20	97	45
Metsulfuron- methyl	64	29	1.0	1.0	.004	.004	.004	.004	5	2
Triallate	7	11	1.0	1.0	1.46	1.38	1.46	1.38	203	219
OTHER SPRING WHEAT										
Fertilizers:										
Nitrogen	83	79	1.6	1.6	32	28	50	45	173,500	153,500
Phosphate	78	66	1.0	1.0	27	23	27	24	89,600	68,200
Potash	9	15	1.0	1.0	9	16	9	16	3,600	10,200
Herbicides:										
2,4-D	58	83	1.0	1.0	35	.34	.35	.34	864	1,239
Dicamba	35	31	1.1	1.1	.06	.09	.06	.10	94	131
MCPA	16	17	1.1	1.0	.34	.30	.35	.32	232	237
Glyphosate	11	23	1.0	1.1	.36	.24	.36	.27	169	272
Mtusulfuron- methyl	17	21	1.0	1.0	003	.004	.003	.004	2	3
Triallate	12	23	1.0	1.0	1.19	1.18	1.19	1.18	597	1,156
Trialsulfuron	9	9	1.0	1.0	.009	.008	.009	.008	4	3
Tribenuron -methyl	--	14	--	1.0	--	.01	--	.01	--	6

1/ Winter wheat area harvested in 1996 for Montana was 1.98 million acres and 1.45 million acres in 1997. Spring wheat area planted in 1996 for Montana was 4.2 million acres and 4.35 million acres in 1997. Refers to acres receiving one or more applications of a specific agricultural chemical. -- Insufficient reports to publish data. NOTE: Data may not multiply across due to rounding.

MARKETING YEAR AVERAGE: Prices Received 1/, Selected Commodities, Montana, 1990-1997

Commodity	Unit	1990	1991	1992	1993	1994	1995	1996	1997
		Dollars							
All Wheat	Bu	2.65	3.17	3.42	3.50	3.54	4.63	4.24	3.62
Winter Wheat	Bu	2.53	3.13	3.29	3.26	3.45	4.62	4.24	3.40
Spring Wheat	Bu	2.80	3.24	3.54	3.63	3.51	4.59	4.22	3.58
Durum Wheat	Bu	2.72	2.81	3.06	4.83	4.83	5.09	4.65	5.18
Barley	Bu	2.30	2.34	2.39	2.06	2.22	3.00	3.07	2.83
Malt Barley	Bu.	--	2.88	3.12	2.67	2.77	3.24	3.39	3.12
Feed Barley	Bu.	--	1.98	1.87	1.80	1.86	2.75	2.44	2.09
Oats	Bu.	1.25	1.30	1.23	1.41	1.30	1.75	1.91	1.33
Corn for Grain	Bu.	2.50	2.70	2.50	2.90	2.65	3.00	2.60	2.60
Sugar Beets	Ton	43.20	37.30	43.80	43.60	41.90	39.90	48.10	--
Potatoes	Cwt.	8.60	5.70	8.40	8.95	6.90	9.35	6.60	7.05
Dry Beans	Cwt.	13.60	13.20	19.10	27.30	16.90	16.10	24.50	18.50
Sweet Cherries	Ton	1,670.00	2/	988.00	1,590.00	1,200.00	1,210.00	1,420.00	965.00
All Hay	Ton	64.00	50.50	69.50	68.00	71.00	66.00	80.00	79.00
Alfalfa Hay	Ton	65.00	51.50	71.50	69.50	71.50	67.50	81.00	80.00
Other Hay	Ton	56.00	46.00	60.50	59.00	62.50	56.50	67.00	69.00
Beef Cattle	Cwt.	70.60	69.80	66.50	75.60	71.60	59.80	53.80	64.50
Steers & Heifers	Cwt.	83.30	84.90	80.00	86.00	78.90	66.70	59.00	77.00
Cows	Cwt.	51.00	50.10	47.90	49.30	43.10	37.90	33.20	36.60
Calves	Cwt.	95.30	93.70	90.30	97.00	83.30	69.50	62.20	84.70
Sheep	Cwt.	17.60	18.50	23.60	26.80	29.20	26.80	31.20	37.40
Lambs	Cwt.	48.30	46.80	55.50	65.20	67.10	81.40	91.10	97.80
Hogs, All	Cwt.	50.00	44.40	37.60	44.10	37.60	39.10	49.70	55.30
Eggs	Doz.	.68	.66	.49	.63	.55	.57	66	57
Milk, All	Cwt	13.70	12.20	13.30	13.30	13.70	13.30	15.20	13.20
Wool	Lb.	.91	.57	.85	54	.86	1.23	94	1.01

1/ Marketing year average prices received by farmers are based on monthly prices weighted by monthly marketings during specific periods. These periods, by commodity, are June through May for wheat, oats, and barley; January through December for beef cattle, steers and heifers, cows, calves, sheep, lambs, milk, and wool; and December through November for hogs and eggs. Prices do not include allowance for CCC loans outstanding, purchases by the government or deficiency payments. 2/ No economic value -- Not available.

MARKETING YEAR AVERAGE: Prices Received 1/, Selected Commodities, United States, 1990-1997

Commodity	Unit	1990	1991	1992	1993	1994	1995	1996	1997
		Dollars							
All Wheat	Bu	2.61	3.00	3.24	3.26	3.45	4.55	4.30	3.38
Winter Wheat	Bu.	2.62	2.92	3.24	3.03	3.37	4.41	4.33	3.23
Spring Wheat	Bu.	2.58	3.15	3.29	3.58	3.42	4.59	4.20	3.53
Durum Wheat	Bu	2.63	2.82	3.05	4.48	4.62	5.65	4.67	4.92
Barley	Bu	2.14	2.10	2.04	1.99	2.03	2.89	2.74	2.38
Malt Barley	Bu	2.36	2.49	2.30	2.36	2.27	3.09	2.92	2.74
Feed Barley	Bu.	1.93	1.87	1.82	1.81	1.83	2.68	2.52	2.05
Oats	Bu.	1.14	1.21	1.32	1.36	1.22	1.67	1.96	1.60
Corn for Grain	Bu	2.28	2.37	2.07	2.50	2.26	3.24	2.71	2.60
Sugar Beets	Ton	43.00	38.50	41.40	39.00	38.80	38.10	45.40	40.70
Potatoes	Cwt	6.08	4.96	5.52	6.18	5.58	6.77	4.93	5.62
Dry Beans	Cwt.	18.50	15.60	19.90	24.60	22.50	20.80	23.50	17.70
Sweet Cherries	Ton	894.00	968.00	915.00	1,190.00	1,040.00	1,260.00	1,470.00	1,250.00
All Hay	Ton	80.60	71.20	74.30	84.70	86.70	82.20	95.80	100.00
Alfalfa Hay	Ton	86.60	74.60	78.20	89.30	92.10	87.20	101.80	107.00
Other Hay	Ton	65.10	60.50	62.20	67.40	67.90	65.40	76.50	75.70
Beef Cattle	Cwt.	74.60	72.70	71.30	72.60	66.70	61.80	58.70	63.10
Steers & Heifers	Cwt.	78.80	76.60	75.30	76.80	69.40	65.10	62.50	66.80
Cows	Cwt.	51.50	49.80	47.40	47.60	43.00	35.70	30.50	34.80
Calves	Cwt.	95.60	98.00	89.00	91.20	87.20	73.10	58.40	78.90
Sheep	Cwt.	23.20	19.70	25.80	28.60	30.90	28.00	29.90	37.90
Lambs	Cwt.	55.50	52.20	59.50	64.40	65.60	78.20	88.20	90.30
Hogs, All	Cwt.	53.70	49.10	41.60	45.20	39.90	40.50	51.90	52.90
Eggs	Doz.	708	676	576	634	614	624	749	702
Milk, All	Cwt.	13.74	12.27	13.15	12.84	13.01	12.78	14.75	13.36
Wool	Lb.	80	.55	74	.51	78	1.04	70	.84

1/ Marketing year average prices received by farmers are based on monthly prices weighted by monthly marketings during specific periods. These periods, by commodity, are June through May for wheat, oats, and barley; January through December for beef cattle, steers and heifers, cows, calves, sheep, lambs, milk, and wool, and December through November for hogs and eggs. Prices do not include allowance for CCC loans outstanding, purchases by the government or deficiency payments. -- Not available.

PRICES RECEIVED BY MONTANA FARMERS: Selected Commodities by Months, 1994-1998

Commodity & Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
ALL WHEAT	Dollars per Bushel											
1994	3.62	3.52	3.70	3.68	3.46	3.63	3.29	3.15	3.36	3.47	3.58	3.69
1995	3.63	3.61	3.60	3.49	3.58	3.79	3.99	4.12	4.20	4.44	4.48	4.58
1996	4.57	4.73	4.78	4.99	5.49	5.32	5.32	5.06	4.49	4.33	4.25	4.43
1997	4.13	4.07	4.03	4.12	4.20	4.02	3.93	3.94	3.68	3.73	3.68	3.82
1998	3.59	3.43	3.49	3.56	3.43	3.34	3.27	2.91	2.91			
WINTER WHEAT												
1994	3.39	3.48	3.49	3.35	3.16	3.09	2.95	3.00	3.26	3.49	3.54	3.64
1995	3.55	3.58	3.46	3.42	3.50	3.85	4.02	4.08	4.24	4.60	4.61	4.65
1996	4.57	4.80	4.83	5.01	5.62	5.45	5.25	5.15	4.52	4.30	4.15	4.35
1997	4.14	4.07	4.01	4.11	4.22	4.04	3.97	3.86	3.37	3.58	3.43	3.59
1998	3.35	3.25	3.19	3.27	3.06	2.81	2.94	2.60	2.55			
SPRING WHEAT EXCLUDING DURUM												
1994	3.79	3.52	3.77	3.76	3.49	3.70	3.47	3.21	3.37	3.40	3.50	3.63
1995	3.62	3.52	3.52	3.38	3.53	3.74	3.95	4.08	4.16	4.36	4.43	4.51
1996	4.55	4.68	4.74	4.94	5.46	5.26	5.34	4.81	4.47	4.35	4.26	4.42
1997	4.13	4.05	4.03	4.13	4.17	3.99	3.85	3.85	3.62	3.58	3.57	3.73
1998	3.50	3.42	3.54	3.55	3.54	3.41	3.32	3.06	2.97			
DURUM WHEAT												
1994	5.26	4.80	5.62	6.03	5.49	5.85	5.23	5.02	4.26	4.79	4.90	5.07
1995	4.72	4.79	4.87	4.75	4.78	5.62	5.22	5.47	5.08	4.91	4.68	5.23
1996	4.92	4.93	5.06	5.27	5.32	5.65	5.33	5.55	4.74	4.40	4.74	5.34
1997	4.18	4.43	4.28	4.13	4.40	4.20	4.43	4.96	5.51	5.62	5.65	5.57
1998	5.30	4.95	4.97	4.88	4.73	4.30	4.09	4.19	3.69			
BARLEY												
1994	2.01	2.02	2.24	1.95	2.00	1.93	2.22	2.41	2.10	2.06	2.26	2.27
1995	2.26	2.27	2.13	2.14	2.12	2.28	2.28	2.88	2.62	2.82	3.02	3.05
1996	3.13	3.26	3.30	3.26	3.34	3.28	3.27	3.27	3.25	3.10	3.17	3.21
1997	2.93	3.10	2.71	2.56	2.62	2.42	2.83	3.00	2.72	2.76	3.01	2.88
1998	2.92	2.79	2.82	2.52	2.26	2.22	2.69	2.45	2.23			
OATS												
1994	1.32	1.26	1.37	1.37	1.46	1.50	1.42	1.28	1.32	1.19	1.35	1.23
1995	1.21	1.32	1.38	1.43	1.38	1.40	1.49	1.37	1.48	1.57	1.71	1.66
1996	1.77	2.06	2.05	2.10	1.96	2.23	2.13	2.10	1.82	1.87	1.70	1.81
1997	1.52	1.92	2.05	2.00	1.80	1.65	N.A.	1.32	1.22	1.22	1.21	N.A.
1998	N.A.	1.42	1.42	N.A.	N.A.	N.A.	N.A.	N.A	1.40			
ALL HAY	Dollars per Ton											
1994	69.00	66.00	64.00	64.00	65.00	64.00	65.00	69.00	71.00	73.00	72.00	73.00
1995	72.00	72.00	70.00	73.00	71.00	70.00	67.00	66.00	64.00	65.00	68.00	66.00
1996	63.00	66.00	65.00	67.00	63.00	64.00	65.00	67.00	73.00	72.00	75.00	84.00
1997	105.00	115.00	113.00	113.00	99.00	84.00	78.00	82.00	84.00	84.00	80.00	81.00
1998	77.00	73.00	70.00	70.00	70.00	76.00	79.00	76.00	73.00			
ALFALFA HAY												
1994	70.00	68.00	66.00	66.00	65.00	64.00	66.00	69.00	71.00	74.00	73.00	74.00
1995	73.00	73.00	71.00	74.00	73.00	71.00	68.00	68.00	66.00	66.00	69.00	67.00
1996	65.00	67.00	66.00	68.00	65.00	64.00	66.00	68.00	74.00	73.00	76.00	85.00
1997	106.00	117.00	114.00	114.00	101.00	84.00	79.00	82.00	84.00	85.00	81.00	82.00
1998	78.00	74.00	71.00	71.00	71.00	76.00	80.00	77.00	74.00			
ALL OTHER HAY												
1994	59.00	58.00	55.00	55.00	54.00	56.00	59.00	60.00	63.00	65.00	63.00	63.00
1995	64.00	65.00	59.00	63.00	65.00	63.00	61.00	58.00	53.00	58.00	57.00	56.00
1996	55.00	55.00	54.00	57.00	56.00	55.00	55.00	58.00	59.00	58.00	60.00	72.00
1997	88.00	93.00	93.00	95.00	89.00	71.00	71.00	73.00	72.00	71.00	71.00	70.00
1998	66.00	66.00	63.00	60.00	61.00	68.00	68.00	67.00	65.00			

N.A.--Not Available.

PRICES RECEIVED BY MONTANA FARMERS: Selected Commodities by Months, 1994-1998

Commodity & Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
BEEF CATTLE	Dollars per Hundredweight											
1994	77.70	77.10	78.70	73.50	58.30	55.20	58.80	67.50	73.00	72 00	69.00	63.50
1995	69.20	68.30	64 10	58.20	52.90	47.30	49 20	56.50	59.30	57.20	55.80	54 10
1996	52.60	52.80	52.10	48.60	44.30	39.70	45.60	57 00	59.30	56.10	58.90	57.30
1997	62.00	64 80	64.80	62.30	56 70	48.80	50.90	63 60	69.30	68.70	67.00	59.10
1998	66 30	66.60	69.80	72.00	54 60	47.40	48.40	58.50	59 90			
STEERS & HEIFERS												
1994	85.20	83.70	84.50	81.40	73.40	71.40	70.50	73.60	76 50	78.10	77.30	75.50
1995	75.80	73.80	70.30	66.80	65.70	63.00	62.40	64.40	64.20	63.00	62.20	62.30
1996	58.70	56.40	56.30	53.70	53.80	54.30	58.90	60.10	60 90	60.50	61.50	62.30
1997	67.50	70.30	72.50	74.10	77.40	72.40	73.20	77.30	76.40	80.50	81.90	80 60
1998	81.50	79.80	78.20	79.00	75.90	71.50	69 40	65 60	64 70			
COWS												
1994	45.90	47.20	48.10	48.60	46.40	45.30	44.50	44.60	41.70	37.70	35.90	38.10
1995	42.90	43.30	43.50	40.80	39.10	39.90	39.60	38.00	35.40	32.40	30.10	32.10
1996	33.30	33.70	34.00	31.60	32.70	32.90	33.30	37.60	34 90	33.00	32 40	32 60
1997	33.30	38.00	40.30	41 40	41.70	39.60	40.40	39.20	34.80	33.40	32.10	32.80
1998	35.30	37.30	38.10	39 90	37.20	37.10	37.60	37.20	32.90			
CALVES 1/												
1994	98.40	97.70	99.40	97.10	89.30	86.20	82.70	85.80	81.70	80.00	79 60	79 20
1995	83.00	82.50	79.60	74.20	72.10	70.50	65.30	65.00	65.50	64.80	62.10	63.80
1996	62.30	62.20	61.30	56.80	59.40	55.90	54 90	59.80	61.40	61.00	62.50	64 70
1997	70.10	77.30	80.40	83.90	84.30	79.30	79.80	85.80	87.30	87.70	85.30	88 20
1998	91.10	89.60	89.00	88 90	87.00	79.70	74.80	76 60	76.80			
SHEEP												
1994	33.70	32.40	35.50	27.10	29.80	31.30	30.40	26.70	26.40	23.20	30.90	33 10
1995	30.60	33.80	26.80	25.60	25.00	28.00	29.70	28.90	26.40	25.70	21.00	24.60
1996	29.00	31.10	35.70	28.70	25.20	31.90	33.50	31.70	32.90	23.30	31.40	37 80
1997	41.80	41.80	42.50	37.60	33.40	37.20	43.90	40.50	33.10	34 10	37.20	40 50
1998	39.00	39.90	41.90	35.10	26.70	26 60	29.90	28.50	25.40			
LAMBS												
1994	62.30	61.40	56.90	49 30	47.30	64 20	71.90	71.60	66.70	65.50	66.90	66.90
1995	67.30	73.20	72.60	65.80	84 10	86.80	85.70	83.90	84.00	80.40	78 20	80.20
1996	80.10	86.60	90.00	87.00	94.60	98.80	99.60	88.50	91.60	90.50	88.40	96.90
1997	104.00	105.00	98.90	100.00	103.00	92.90	89.30	98.80	99.40	96.80	93.20	95.80
1998	87.80	77.10	70.90	70.30	71.00	89.70	80.80	79.40	69.00			
ALL MILK												
1994	14.50	14.30	14.10	13.90	13.90	14.00	12.80	12.80	13.00	13.40	13.90	13.70
1995	13.70	13.30	13.40	13.10	13.40	12.60	12.40	13.10	12 90	13.50	13 80	14 20
1996	15.00	15.40	14.00	13.90	14 10	13.90	15.40	16 20	16.20	16.40	17 20	15.50
1997	13.50	13.00	13.40	13.80	13.40	12.10	12.10	12.30	12.90	13.80	14 20	14 50
1998	14.30	14.40	14.50	14 50	13.80	13 40	13 00	14 50	16.30			

1/ Calves weighing less than 500 lbs.

ALL WHEAT: Acreage, Production, Total Value, and Value per Acre, 1988-1997

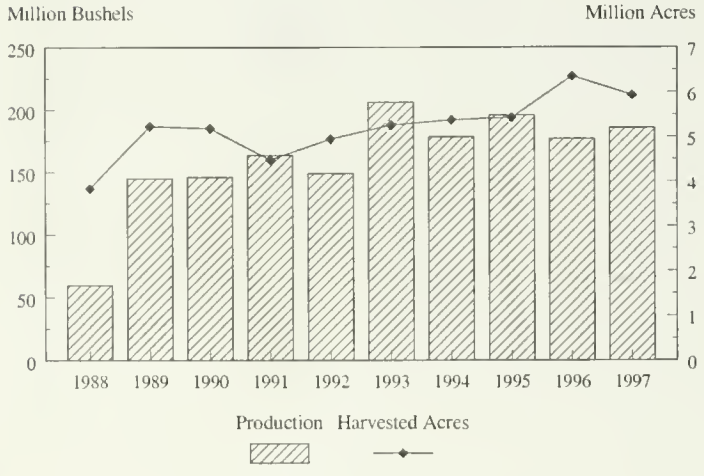
Year	Planted	Harvested for Grain	PRODUCTION		VALUE	
			Yield Per Acre	Total	Value of Production	Value Per Acre
	Acres		Bushels		Dollars	
1988	4,730,000	3,830,000	15.7	59,970,000	238,578,000	62
1989	6,340,000	5,235,000	27.7	145,030,000	530,779,000	101
1990	5,745,000	5,185,000	28.1	145,865,000	384,440,000	74
1991	5,130,000	4,479,000	36.5	163,507,000	518,863,000	116
1992	5,500,000	4,947,000	30.1	149,151,000	509,354,000	103
1993	5,565,000	5,264,000	39.2	206,334,000	715,160,000	136
1994	5,580,000	5,378,000	31.7	170,590,000	601,935,000	112
1995	5,720,000	5,435,000	36.0	195,750,000	904,112,000	166
1996	6,640,000	6,360,000	27.8	176,960,000	751,048,000	118
1997	6,240,000	5,930,000	31.3	185,630,000	682,522,000	115

Year	IRRIGATED			TOTAL NON-IRRIGATED		
	Harvested for Grain	Yield Per Acre	Production	Harvested for Grain	Yield Per Acre	Production
	Acres	Bushels		Acres	Bushels	
1988	112,000	44.5	4,979,000	3,718,000	14.8	54,991,000
1989	186,500	53.2	9,920,000	5,048,500	26.8	135,110,000
1990	187,700	54.2	10,180,000	4,997,300	27.2	135,685,000
1991	166,400	55.4	9,215,000	4,312,600	35.8	154,292,000
1992	189,500	60.0	11,374,000	4,757,500	29.0	137,777,000
1993	187,700	60.5	11,348,000	5,067,300	38.4	194,986,000
1994	197,000	56.9	11,210,000	5,181,000	30.8	159,380,000
1995	230,000	58.6	13,485,000	5,205,000	35.0	182,265,000
1996	265,000	60.4	15,995,000	6,095,000	26.4	160,965,000
1997	254,000	61.3	15,560,000	5,676,000	30.0	170,070,000

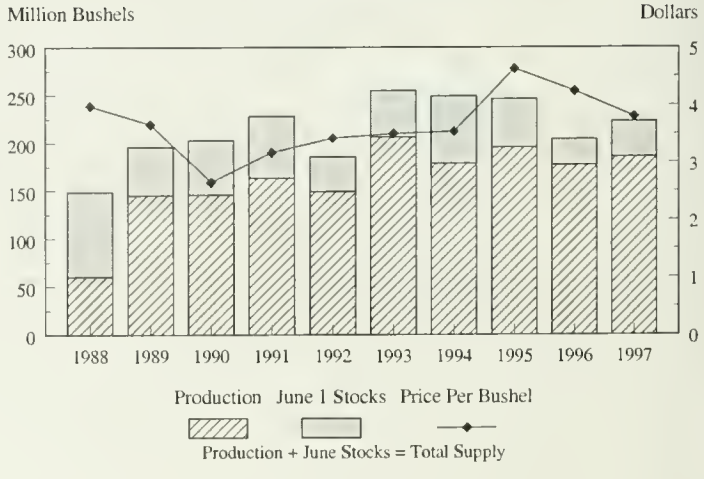
Year	NON-IRRIGATED FOLLOWING FALLOW			NON-IRRIGATED RE-CROPPED		
	Harvested for Grain	Yield Per Acre	Production	Harvested for Grain	Yield Per Acre	Production
	Acres	Bushels		Acres	Bushels	
1988	3,544,700	15.0	53,221,000	173,300	10.2	1,770,000
1989	4,478,500	27.2	121,860,000	570,000	23.2	13,250,000
1990	4,306,300	28.1	121,060,000	691,000	21.2	14,625,000
1991	3,637,100	37.1	135,007,000	675,500	28.5	19,285,000
1992	4,145,000	29.7	123,202,000	612,500	23.8	14,575,000
1993	4,215,500	39.4	166,249,000	860,800	33.4	28,737,000
1994	4,235,500	32.0	135,635,000	945,500	25.1	23,745,000
1995	4,111,000	36.0	148,055,000	1,094,000	31.3	34,210,000
1996	--	--	--	--	--	--
1997	--	--	--	--	--	--

--Not Available

Montana All Wheat



Montana All Wheat



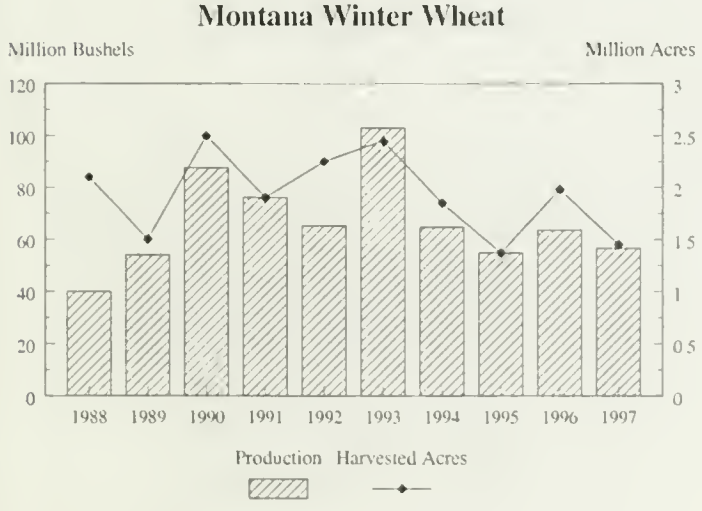
WINTER WHEAT: Acreage, Production, Total Value, and Value Per Acre, 1988-1997

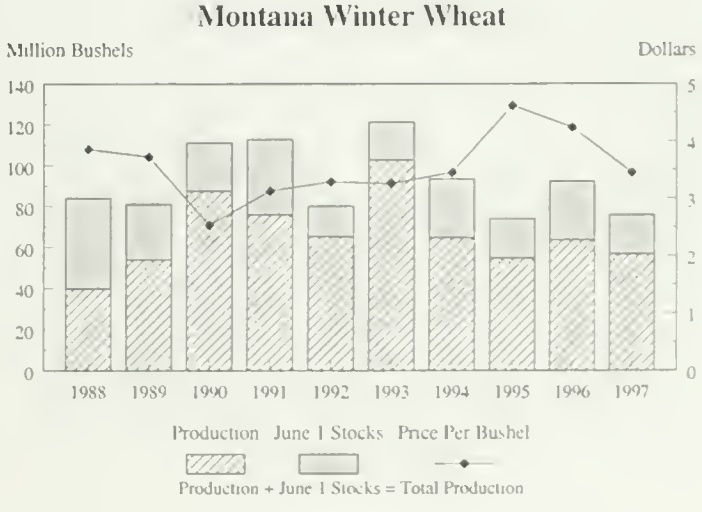
YEAR	Planted	Harvested for Grain	PRODUCTION		VALUE	
			Yield Per Acre	Total	Value of Production	Value per Acre
	Acres		Bushels		Dollars	
1988	2,450,000	2,100,000	19.0	39,900,000	154,014,000	73
1989	2,500,000	1,500,000	36.0	54,000,000	201,420,000	134
1990	2,700,000	2,500,000	35.0	87,500,000	221,375,000	89
1991	2,350,000	1,900,000	40.0	76,000,000	237,880,000	125
1992	2,600,000	2,250,000	29.0	65,250,000	214,673,000	95
1993	2,650,000	2,450,000	42.0	102,900,000	335,454,000	137
1994	1,950,000	1,850,000	35.0	64,750,000	223,388,000	121
1995	1,500,000	1,370,000	40.0	54,800,000	253,176,000	185
1996	2,150,000	1,980,000	32.0	63,360,000	268,646,000	136
1997	1,600,000	1,450,000	39.0	56,550,000	195,098,000	135

Year	IRRIGATED			TOTAL NON-IRRIGATED		
	Harvested for Grain	Yield Per Acre	Production	Harvested for Grain	Yield Per Acre	Production
	Acres	Bushels		Acres	Bushels	
1988	23,000	50.0	1,150,000	2,077,000	18.7	38,750,000
1989	24,000	60.0	1,430,000	1,476,000	36.0	52,570,000
1990	26,000	60.0	1,560,000	2,474,000	34.7	85,940,000
1991	28,500	61.0	1,725,000	1,871,500	40.0	74,275,000
1992	33,500	63.0	2,100,000	2,216,500	28.0	63,150,000
1993	35,000	65.0	2,260,000	2,415,000	42.0	100,640,000
1994	29,000	58.0	1,690,000	1,821,000	35.0	63,060,000
1995	30,000	63.0	1,800,000	1,340,000	39.0	52,900,000
1996	35,000	65.0	2,260,000	1,945,000	31.0	61,100,000
1997	33,000	61.0	2,000,000	1,417,000	38.0	54,550,000

Year	NON-IRRIGATED FOLLOWING FALLOW			NON-IRRIGATED RE-CROPPED		
	Harvested for Grain	Yield Per Acre	Production	Harvested for Grain	Yield Per Acre	Production
	Acres	Bushels		Acres	Bushels	
1988	1,986,700	19.0	37,650,000	90,300	12.2	1,100,000
1989	1,326,000	36.0	47,870,000	150,000	31.0	4,700,000
1990	2,158,000	36.2	78,040,000	316,000	25.0	7,900,000
1991	1,623,000	41.0	66,140,000	248,500	33.0	8,135,000
1992	2,008,000	29.0	58,000,000	208,500	25.0	5,150,000
1993	2,105,000	42.0	88,860,000	310,000	38.0	11,780,000
1994	1,628,000	35.0	57,150,000	193,000	31.0	5,910,000
1995	1,135,000	40.0	45,460,000	205,000	36.0	7,440,000
1996	--	--	--	--	--	--
1997	--	--	--	--	--	--

--Not Available





OTHER SPRING WHEAT: Acreage, Production, Total Value, and Value per Acre, 1988-1997

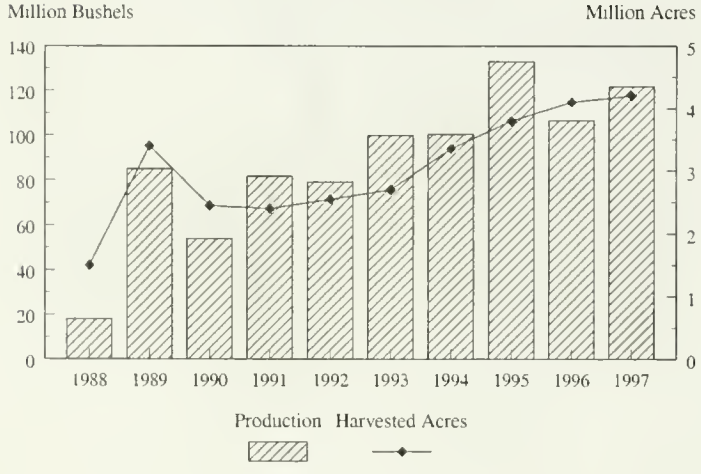
Year	Planted	Harvested for Grain	PRODUCTION		VALUE	
			Yield Per Acre	Total	Value of Production	Value Per Acre
	Acres		Bushels		Dollars	
1988	2,000,000	1,500,000	12.0	18,000,000	73,800,000	49
1989	3,500,000	3,400,000	25.0	85,000,000	309,400,000	91
1990	2,800,000	2,450,000	22.0	53,900,000	150,920,000	62
1991	2,600,000	2,400,000	34.0	81,600,000	264,384,000	110
1992	2,750,000	2,550,000	31.0	79,050,000	279,837,000	110
1993	2,800,000	2,700,000	37.0	99,900,000	362,637,000	134
1994	3,450,000	3,350,000	30.0	100,500,000	352,755,000	107
1995	3,950,000	3,800,000	35.0	133,000,000	610,470,000	161
1996	4,200,000	4,100,000	26.0	106,600,000	449,852,000	110
1997	4,350,000	4,200,000	29.0	121,800,000	450,660,000	107

Year	IRRIGATED			TOTAL NON-IRRIGATED		
	Harvested for Grain	Yield Per Acre	Production	Harvested for Grain	Yield Per Acre	Production
	Acres	Bushels		Acres	Bushels	
1988	85,000	42.9	3,650,000	1,415,000	10.1	14,350,000
1989	158,000	52.0	8,250,000	3,242,000	24.0	76,750,000
1990	155,000	53.0	8,215,000	2,295,000	19.9	45,685,000
1991	133,000	54.0	7,200,000	2,267,000	33.0	74,400,000
1992	153,500	60.0	9,135,000	2,396,500	29.0	69,915,000
1993	151,500	59.0	9,010,000	2,548,500	36.0	90,890,000
1994	166,000	57.0	9,400,000	3,184,000	29.0	91,100,000
1995	195,000	58.0	11,300,000	3,605,000	34.0	121,700,000
1996	225,000	60.0	13,500,000	3,875,000	24.0	93,100,000
1997	215,000	61.0	13,200,000	3,985,000	27.0	108,600,000

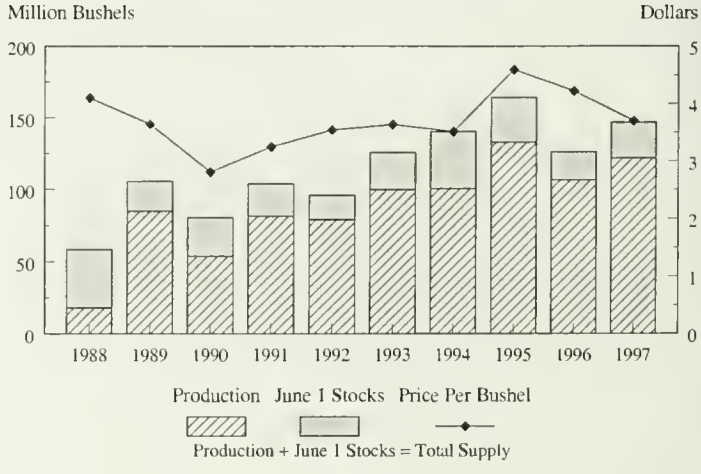
Year	NON-IRRIGATED FOLLOWING FALLOW			NON-IRRIGATED RE-CROPPED		
	Harvested for Grain	Yield Per Acre	Production	Harvested for Grain	Yield Per Acre	Production
	Acres	Bushels		Acres	Bushels	
1988	1,345,000	10.2	13,775,000	70,000	8.2	575,000
1989	2,872,000	24.0	68,950,000	370,000	21.0	7,800,000
1990	1,945,000	20.2	39,385,000	350,000	18.0	6,300,000
1991	1,865,000	34.0	64,000,000	402,000	26.0	10,400,000
1992	2,012,000	30.0	61,075,000	384,500	23.0	8,840,000
1993	2,021,500	37.0	74,550,000	527,000	31.0	16,340,000
1994	2,464,000	30.0	74,100,000	720,000	24.0	17,000,000
1995	2,765,000	35.0	96,300,000	840,000	30.0	25,400,000
1996	--	--	--	--	--	--
1997	--	--	--	--	--	--

--Not Available

Montana Other Spring Wheat



Montana Other Spring Wheat



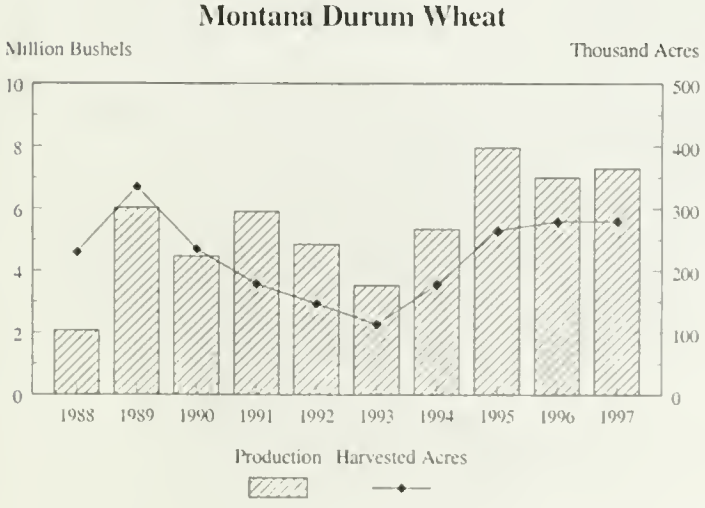
DURUM WHEAT: Acreage, Production, Total Value, and Value per Acre, 1988-1997

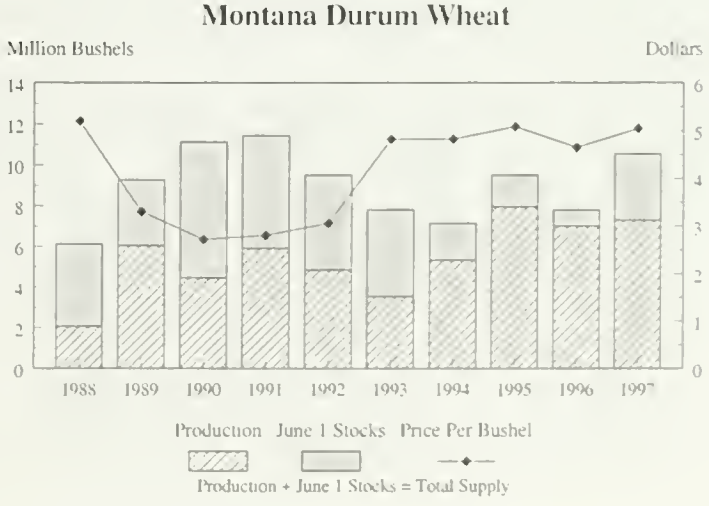
Year	Planted	Harvested for Grain	PRODUCTION		VALUE	
			Yield Per Acre	Total	Value of Production	Value Per Acre
	Acres		Bushels		Dollars	
1988	280,000	230,000	9.0	2,070,000	10,764,000	47
1989	340,000	335,000	18.0	6,030,000	19,959,000	60
1990	245,000	235,000	19.0	4,465,000	12,145,000	52
1991	180,000	179,000	33.0	5,907,000	16,599,000	93
1992	150,000	147,000	33.0	4,851,000	14,844,000	101
1993	115,000	114,000	31.0	3,534,000	17,069,000	150
1994	180,000	178,000	30.0	5,340,000	25,792,000	145
1995	270,000	265,000	30.0	7,950,000	40,466,000	153
1996	290,000	280,000	25.0	7,000,000	32,550,000	116
1997	290,000	280,000	26.0	7,280,000	36,764,000	131

Year	IRRIGATED			TOTAL NON-IRRIGATED		
	Harvested for Grain	Yield Per Acre	Production	Harvested for Grain	Yield Per Acre	Production
	Acres	Bushels		Acres	Bushels	
1988	4,000	44.8	179,000	226,000	8.4	1,891,000
1989	4,500	53.0	240,000	330,500	18.0	5,790,000
1990	6,700	60.4	405,000	228,300	17.8	4,060,000
1991	4,900	59.0	290,000	174,100	32.0	5,617,000
1992	2,500	56.0	139,000	144,500	33.0	4,712,000
1993	1,200	65.0	78,000	112,800	31.0	3,456,000
1994	2,000	60.0	120,000	176,000	30.0	5,220,000
1995	5,000	57.0	285,000	260,000	29.0	7,665,000
1996	5,000	47.0	235,000	275,000	25.0	6,765,000
1997	6,000	60.0	360,000	274,000	25.0	6,920,000

Year	NON-IRRIGATED FOLLOWING FALLOW			NON-IRRIGATED RE-CROPPED		
	Harvested for Grain	Yield Per Acre	Production	Harvested for Grain	Yield per Acre	Production
	Acres	Bushels		Acres	Bushels	
1988	213,000	8.4	1,796,000	13,000	7.3	95,000
1989	280,500	18.0	5,040,000	50,000	15.0	750,000
1990	203,300	17.9	3,635,000	25,000	17.0	425,000
1991	149,100	33.0	4,867,000	25,000	30.0	750,000
1992	125,000	33.0	4,127,000	19,500	30.0	585,000
1993	89,000	32.0	2,839,000	23,800	26.0	617,000
1994	143,500	31.0	4,385,000	32,500	26.0	835,000
1995	211,000	30.0	6,295,000	49,000	28.0	1,370,000
1996	--	--	--	--	--	--
1997	--	--	--	--	--	--

--Not Available





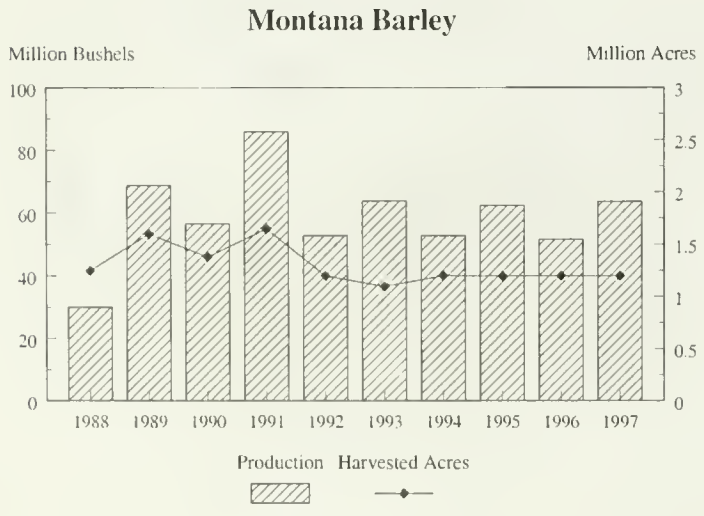
BARLEY: Acreage, Production, Total Value and Value Per Acre, 1988-1997

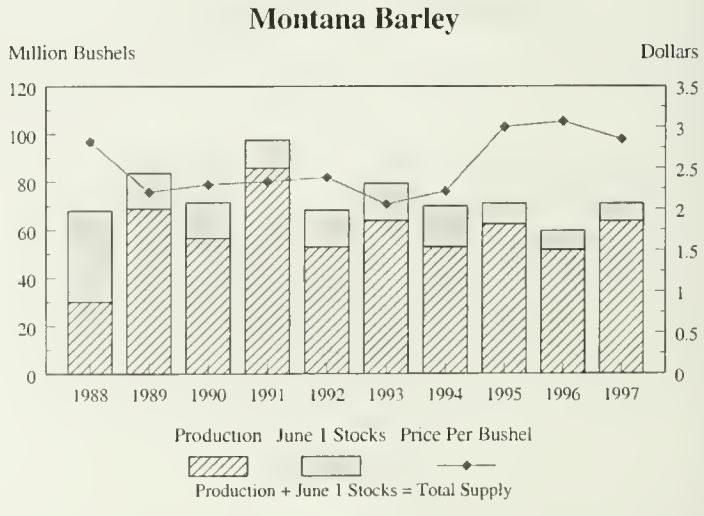
Year	Planted	Harvested for Grain	PRODUCTION		VALUE	
			Yield Per Acre	Total	Value of Production	Value Per Acre
	Acres		Bushels		Dollars	
1988	1,800,000	1,250,000	24.0	30,000,000	84,600,000	68
1989	1,700,000	1,600,000	43.0	68,800,000	152,048,000	95
1990	1,600,000	1,380,000	41.0	56,580,000	130,134,000	94
1991	1,800,000	1,650,000	52.0	85,800,000	200,772,000	122
1992	1,350,000	1,200,000	44.0	52,800,000	126,192,000	105
1993	1,300,000	1,100,000	58.0	63,800,000	131,428,000	119
1994	1,300,000	1,200,000	44.0	52,800,000	117,216,000	99
1995	1,300,000	1,200,000	52.0	62,400,000	187,200,000	156
1996	1,300,000	1,200,000	43.0	51,600,000	158,412,000	132
1997	1,300,000	1,200,000	53.0	63,600,000	181,260,000	151

Year	IRRIGATED			TOTAL NON-IRRIGATED		
	Harvested for Grain	Yield Per Acre	Production	Harvested for Grain	Yield Per Acre	Production
	Acres	Bushels		Acres	Bushels	
1988	215,000	59.0	12,700,000	1,035,000	17.0	17,300,000
1989	250,000	66.0	16,600,000	1,350,000	39.0	52,200,000
1990	275,000	74.4	20,450,000	1,105,000	32.7	36,130,000
1991	275,000	77.0	21,270,000	1,375,000	47.0	64,530,000
1992	282,000	71.0	20,150,000	918,000	36.0	32,650,000
1993	229,000	77.0	17,661,000	871,000	53.0	46,139,000
1994	230,000	75.0	17,321,000	970,000	37.0	35,479,000
1995	242,000	75.0	18,155,000	958,000	46.0	44,245,000
1996	258,000	78.0	20,000,000	942,000	34.0	31,600,000
1997	260,000	77.0	19,900,000	940,000	46.0	43,700,000

Yield	NON-IRRIGATED FOLLOWING FALLOW			NON-IRRIGATED RE-CROPPED		
	Harvested for Grain	Yield Per Acre	Production	Harvested for Grain	Yield Per Acre	Production
	Acres	Bushels		Acres	Bushels	
1988	835,000	18.0	14,770,000	200,000	13.0	2,530,000
1989	845,000	39.0	33,153,000	505,000	38.0	19,047,000
1990	575,000	34.9	20,080,000	530,000	30.3	16,050,000
1991	817,000	50.0	40,660,000	558,000	43.0	23,870,000
1992	464,000	40.0	18,460,000	454,000	31.0	14,190,000
1993	379,000	54.0	20,416,000	492,000	52.0	25,723,000
1994	402,000	40.0	16,003,000	568,000	34.0	19,476,000
1995	407,000	48.0	19,677,000	551,000	45.0	24,568,000
1996	--	--	--	--	--	--
1997	--	--	--	--	--	--

-- Not Available.





OATS: Acreage, Production, Total Value and Value per Acre, 1988-1997

Year	Planted	Harvested for Grain	PRODUCTION		VALUE	
			Yield Per Acre	Total	Value of Production	Value Per Acre
	Acres		Bushels		Dollars	
1988	210,000	90,000	31.0	2,790,000	6,305,000	70
1989	250,000	145,000	46.0	6,670,000	9,471,000	65
1990	160,000	70,000	40.0	2,800,000	3,500,000	50
1991	200,000	110,000	55.0	6,050,000	7,865,000	72
1992	165,000	90,000	56.0	5,040,000	6,199,000	69
1993	140,000	85,000	65.0	5,525,000	7,790,000	92
1994	140,000	75,000	48.0	3,600,000	4,680,000	62
1995	145,000	80,000	59.0	4,720,000	8,260,000	103
1996	100,000	50,000	40.0	2,000,000	3,820,000	76
1997	140,000	70,000	55.0	3,850,000	4,812,000	69

Year	IRRIGATED			NON-IRRIGATED		
	Harvested for Grain	Yield Per Acre	Production	Harvested for Grain	Yield Per Acre	Production
	Acres	Bushels		Acres	Bushels	
1988	24,000	67.5	1,620,000	66,000	17.7	1,170,000
1989	36,000	74.1	2,670,000	109,000	36.6	4,000,000
1990	20,000	70.0	1,400,000	50,000	28.0	1,400,000
1991	22,000	70.0	1,540,000	88,000	51.0	4,510,000
1992	20,000	78.0	1,560,000	70,000	50.0	3,480,000
1993	19,000	78.0	1,482,000	66,000	61.0	4,043,000
1994	21,000	66.0	1,380,000	54,000	41.0	2,220,000
1995	20,000	83.0	1,664,000	60,000	51.0	3,056,000
1996	14,000	72.0	1,010,000	36,000	28.0	990,000
1997	17,000	81.0	1,385,000	53,000	47.0	2,465,000

CORN: Acreage, Production, Total Value, 1988-1997

Year	TOTAL PLANTED	HARVESTED FOR GRAIN				HARVESTED FOR SILAGE		
		Harvested	Production		Value of Production	Harvested Acres	Production	
			Yield Per Acre	Total			Yield Per Acre	Total
	Acres		Bushels		Dollars	Tons		
1988	90,000	20,000	110.0	2,200,000	6,930,000	67,000	19.0	1,273,000
1989	80,000	4,000	80.0	320,000	832,000	75,000	18.0	1,350,000
1990	65,000	9,000	95.0	855,000	2,138,000	55,000	19.0	1,045,000
1991	75,000	15,000	120.0	1,800,000	4,860,000	59,000	18.0	1,062,000
1992	70,000	25,000	110.0	2,750,000	6,875,000	43,000	21.0	903,000
1993	65,000	8,000	105.0	840,000	2,436,000	55,000	18.0	990,000
1994	60,000	20,000	135.0	2,700,000	7,155,000	39,000	21.0	819,000
1995	55,000	16,000	120.0	1,920,000	5,760,000	38,000	20.0	760,000
1996	55,000	15,000	137.0	2,055,000	5,343,000	39,000	21.0	819,000
1997	60,000	14,000	135.0	1,890,000	4,914,000	45,000	21.0	945,000

POTATOES: Acreage, Production, Total Value, and Value Per Acre, Principally Irrigated, 1988-1997

Year	Planted	Harvested	Yield Per Acre	Total Production	Value of Production	Value Per Acre
	Acres		Cwt		Dollars	
1988	7,800	7,700	280	2,156,000	16,709,000	2,170
1989	8,200	8,100	275	2,228,000	18,381,000	2,269
1990	9,000	8,900	280	2,492,000	21,431,000	2,408
1991	9,400	9,300	300	2,790,000	15,903,000	1,710
1992	8,600	8,500	290	2,465,000	20,706,000	2,436
1993	9,100	9,000	300	2,700,000	24,165,000	2,685
1994	10,000	10,000	320	3,200,000	22,080,000	2,208
1995	9,800	9,800	300	2,940,000	27,489,000	2,805
1996	10,400	10,200	315	3,213,000	21,206,000	2,079
1997	10,400	10,400	320	3,328,000	29,453,000	2,832

DRY BEANS: Acreage, Production, Total Value, & Value per Acre, Principally Irrigated, 1988-1997

Year	Planted	Harvested	PRODUCTION		VALUE	
			Per Acre	Total	Value of Production	Value Per Acre
	Acres		Pounds	Cwt	Dollars	
1988	4,400	4,000	1,900	76,000	2,128,000	532
1989	6,000	5,900	2,200	130,000	3,575,000	606
1990	13,500	13,000	1,690	220,000	2,992,000	230
1991	9,000	8,300	1,900	158,000	2,086,000	251
1992	10,200	9,500	1,910	181,000	3,457,000	364
1993	12,000	11,000	1,410	155,000	4,232,000	385
1994	10,200	10,000	2,200	220,000	3,718,000	372
1995	11,000	10,800	1,900	205,000	3,301,000	306
1996	10,500	10,300	2,280	235,000	5,758,000	559
1997	12,200	11,700	2,200	257,000	4,755,000	406

SUGAR BEETS: Acreage, Production, Total Value, & Value per Acre, 1988-1997

Year	Planted	Harvested	PRODUCTION		VALUE	
			Yield Per Acre	Total	Value of Production	Value Per Acre
	Acres		Tons		Dollars	
1988	49,600	48,900	21.1	1,032,000	46,646,000	954
1989	52,700	51,900	19.9	1,033,000	45,039,000	868
1990	55,200	55,100	22.5	1,240,000	53,568,000	972
1991	56,600	56,300	23.3	1,312,000	48,938,000	869
1992	55,900	55,800	22.8	1,272,000	55,714,000	998
1993	54,400	54,100	21.6	1,169,000	50,968,000	942
1994	54,300	54,000	24.2	1,307,000	54,763,000	1,014
1995	55,700	55,500	21.5	1,193,000	47,601,000	858
1996	57,700	57,500	22.6	1,300,000	62,530,000	1,087
1997	59,900	58,300	21.0	1,224,000	--	--

-- Not available.

SWEET CHERRIES: Production and Value, 1988-1997

Year	PRODUCTION		VALUE	
	Production	Producion Having Value	Average Price Per Ton	Value of Production
	Tons		Dollars	
1988	3,300	1,900	548	1,042,000
1989	1/	1/	1/	1/
1990	280	150	1,670	250,000
1991	1/	1/	1/	1/
1992	800	340	988	336,000
1993	900	105	1,590	167,000
1994	750	640	1,200	770,000
1995	900	760	1,210	916,000
1996	700	630	1,420	893,000
1997	1,300	970	965	936,000

1/ Froze out, no commercial production.

ALFALFA SEED: Estimates by Agricultural Statistics Districts, 1996

District	TOTAL			IRRIGATED			NON-IRRIGATED		
	Acres	Yield	Production	Acres	Yield	Production	Acres	Yield	Production
		Pounds			Pounds			Pounds	
NW+SW	200	400	80,000	200	400	80,000	0	0	0
N. Central	1,800	458	824,000	1,500	531	797,000	300	90	27,000
Northeast	800	281	225,000	600	333	200,000	200	125	25,000
Central	900	259	233,000	800	279	223,000	100	100	10,000
S. Central	4,800	558	2,678,000	3,800	666	2,530,000	1,000	148	148,000
Southeast	3,000	340	1,020,000	1,800	450	810,000	1,200	175	210,000
MONTANA	**11,500**	**440**	**5,060,000**	**8,700**	**533**	**4,640,000**	**2,800**	**150**	**420,000**

ALFALFA SEED: Estimates by Agricultural Statistics Districts, 1997

District	TOTAL			IRRIGATED			NON-IRRIGATED		
	Acres	Yield	Production	Acres	Yield	Production	Acres	Yield	Production
		Pounds			Pounds			Pounds	
NW+SW	300	210	63,000	100	350	35,000	200	140	28,000
N. Central	1,600	430	688,000	1,500	453	680,000	100	80	8,000
Northeast	1,400	333	466,000	1,300	354	460,000	100	60	6,000
Central	600	197	118,000	500	220	110,000	100	80	8,000
S. Central	4,800	371	1,779,000	4,600	383	1,760,000	200	95	19,000
Southeast	3,300	129	426,000	1,300	215	280,000	2,000	73	146,000
MONTANA	**12,000**	**295**	**3,540,000**	**9,300**	**358**	**3,325,000**	**2,700**	**80**	**215,000**

ALFALFA SEED: Acreage, Production, Price, and Total Value, Montana, 1988-1997

Year	TOTAL					IRRIGATED		NON-IRRIGATED	
	ACRES	PRODUCTION		VALUE					
	Harvested	Yield Per Acre	Total Pounds	Price Per Cwt.	Value of Production	Harvested Acres	Yield Per Acre	Harvested Acres	Yield Per Acre
	(000)	Pounds (Cleaned)	(000)	Dols.	(000) Dols.	(000)	Pounds (Cleaned)	(000)	Pounds (Cleaned)
1988	18.7	284	5,320	--	--	10.6	441	8.1	80
1989	10.0	225	2,250	--	--	6.8	289	3.2	90
1990	26.0	265	6,890	--	--	8.5	544	17.5	130
1991	20.0	270	5,390	96.00	5,174	8.0	475	12.0	133
1992	9.5	265	2,520	96.00	2,419	5.8	366	3.7	108
1993	7.5	160	1,200	97.00	1,164	5.3	177	2.2	118
1994	15.0	390	5,850	91.00	5,324	8.0	582	7.0	170
1995	12.3	280	3,450	107.00	3,692	7.1	369	5.2	160
1996	11.5	440	5,060	118.00	5,971	8.7	533	2.8	150
1997	12.0	295	3,540	125.00	4,425	9.3	358	2.7	80

PLEASE NOTE: Alfalfa seed data provided by funds from the Montana Alfalfa Seed Committee in cooperation with the Montana Department of Agriculture.

ALL HAY: Acreage, Production, Total Value, and Value per Acre, 1988-1997

Year	Harvested	PRODUCTION		VALUE	
		Yield Per Acre	Total	Value of Production	Value Per Acre
	Acres	Tons		Dollars	
1988	1,800,000	1.55	2,790,000	237,150,000	132
1989	2,100,000	1.90	3,990,000	268,500,000	128
1990	2,050,000	2.10	4,300,000	270,050,000	132
1991	2,150,000	2.17	4,655,000	232,693,000	108
1992	2,080,000	2.04	4,238,000	289,289,000	139
1993	2,230,000	2.16	4,806,000	320,094,000	144
1994	2,200,000	2.06	4,540,000	315,836,000	144
1995	2,400,000	2.23	5,360,000	346,840,000	145
1996	2,600,000	1.89	4,920,000	379,620,000	146
1997	2,600,000	2.11	5,480,000	431,850,000	166

Year	IRRIGATED			NON-IRRIGATED		
	Harvested	Yield Per Acre	Production	Harvested	Yield Per Acre	Production
	Acres	Tons		Acres	Tons	
1988	1,150,000	2.11	2,430,000	650,000	.55	360,000
1989	1,080,000	2.60	2,810,000	1,020,000	1.16	1,180,000
1990	1,090,000	2.88	3,140,000	960,000	1.21	1,160,000
1991	1,075,000	2.90	3,115,000	1,075,000	1.43	1,540,000
1992	1,060,000	2.80	2,968,000	1,020,000	1.25	1,270,000
1993	1,050,000	2.90	3,041,000	1,180,000	1.50	1,765,000
1994	1,090,000	2.83	3,085,000	1,110,000	1.31	1,455,000
1995	1,140,000	3.01	3,435,000	1,260,000	1.53	1,925,000
1996	1,180,000	2.75	3,250,000	1,420,000	1.18	1,670,000
1997	1,180,000	3.03	3,570,000	1,420,000	1.35	1,910,000

ALFALFA HAY: Acreage and Production, 1988-1997

Year	TOTAL			IRRIGATED			NON-IRRIGATED		
	Harvested	Yield Per Acre	Production	Harvested	Yield Per Acre	Production	Harvested	Yield Per Acre	Production
	Acres	Tons		Acres	Tons		Acres	Tons	
1988	1,100,000	1.9	2,090,000	740,000	2.5	1,850,000	360,000	.7	240,000
1989	1,200,000	2.2	2,640,000	680,000	3.0	2,020,000	520,000	1.2	620,000
1990	1,300,000	2.5	3,250,000	720,000	3.4	2,450,000	580,000	1.4	800,000
1991	1,350,000	2.5	3,375,000	715,000	3.4	2,415,000	635,000	1.5	960,000
1992	1,300,000	2.3	2,990,000	710,000	3.2	2,290,000	590,000	1.2	700,000
1993	1,450,000	2.4	3,480,000	720,000	3.2	2,335,000	730,000	1.6	1,145,000
1994	1,550,000	2.3	3,565,000	780,000	3.2	2,500,000	770,000	1.4	1,065,000
1995	1,600,000	2.5	4,000,000	780,000	3.4	2,655,000	820,000	1.6	1,345,000
1996	1,700,000	2.1	3,570,000	800,000	3.1	2,500,000	900,000	1.2	1,070,000
1997	1,650,000	2.4	3,960,000	760,000	3.5	2,690,000	890,000	1.4	1,270,000

OTHER HAY: Acreage and Production, 1988-1997 1/

Year	TOTAL			IRRIGATED			NON-IRRIGATED		
	Harvested	Yield per Acre	Production	Harvested	Yield per Acre	Production	Harvested	Yield per Acre	Production
	Acres	Tons		Acres	Tons		Acres	Tons	
1988	700,000	1.0	700,000	410,000	1.4	580,000	290,000	.4	120,000
1989	900,000	1.5	1,350,000	400,000	2.0	790,000	500,000	1.1	560,000
1990	750,000	1.4	1,050,000	370,000	1.9	690,000	380,000	.9	360,000
1991	800,000	1.6	1,280,000	360,000	1.9	700,000	440,000	1.3	580,000
1992	780,000	1.6	1,248,000	350,000	1.9	678,000	430,000	1.3	570,000
1993	780,000	1.7	1,326,000	330,000	2.1	706,000	450,000	1.4	620,000
1994	650,000	1.5	975,000	310,000	1.9	585,000	340,000	1.1	390,000
1995	800,000	1.7	1,360,000	360,000	2.2	780,000	440,000	1.3	580,000
1996	900,000	1.5	1,350,000	380,000	2.0	750,000	520,000	1.2	600,000
1997	950,000	1.6	1,520,000	420,000	2.1	880,000	530,000	1.2	640,000

1/ Includes wild, clover-timothy, grain hay, and other hay.

STOCKS OF MAJOR GRAINS 1989-1998

Crop & Year	MARCH 1		JUNE 1		SEPTEMBER 1		DECEMBER 1	
	On Farm Total	Total All Positions 1/	On Farm Total	Total All Positions 1/	On Farm total	Total All Positions 1/	On Farm total	Total All Positions 1/
	Thousand Bushels							
ALL WHEAT								
1989	51,000	73,448	39,000	51,095	150,000	174,265	114,000	142,119
1990	75,000	99,440	44,000	57,158	145,000	169,527	110,000	128,352
1991	73,000	95,331	48,000	64,951	162,000	195,095	110,000	137,546
1992	56,000	79,637	25,000	36,582	141,000	160,598	98,000	120,950
1993	62,000	86,849	35,000	48,352	200,000	219,000	147,000	173,000
1994	90,000	116,000	53,000	70,500	170,000	200,500	115,000	142,000
1995	69,000	91,000	33,000	50,500	170,000	195,500	105,000	129,000
1996	48,000	74,500	16,000	27,500	150,000	170,300	110,000	126,800
1997	64,000	78,600	26,500	37,200	161,000	189,400	126,000	149,300
1998	85,000	104,000	53,000	67,000	171,000	200,000		
WINTER WHEAT								
1989	25,500	38,691	20,500	27,078	52,000	64,130	43,000	52,957
1990	25,000	33,437	19,000	23,807	83,000	96,944	64,000	73,335
1991	42,000	53,080	28,000	37,012	77,000	94,178	48,000	60,731
1992	21,000	33,115	11,000	15,032	59,000	70,047	43,000	53,192
1993	24,500	36,483	12,500	18,361	84,000	95,600	66,000	79,500
1994	39,000	52,000	21,000	28,700	67,000	79,500	38,200	51,100
1995	22,000	31,300	12,000	19,300	40,000	50,200	24,000	32,500
1996	11,000	19,500	3,000	7,000	46,000	52,500	35,000	41,600
1997	19,000	23,200	6,000	8,830	45,000	54,400	40,000	48,400
1998	24,000	30,400	19,000	24,000	54,000	65,600		
DURUM WHEAT								
1989	2/	3,322	2/	3,234	2/	9,020	2/	8,092
1990	2/	7,667	2/	6,656	2/	8,889	2/	6,865
1991	2/	5,922	2/	5,525	2/	11,022	2/	9,666
1992	2/	7,714	2/	4,645	2/	6,667	2/	6,351
1993	2/	5,534	2/	4,277	2/	7,300	2/	5,100
1994	2/	3,200	2/	1,810	2/	5,500	2/	4,500
1995	2/	3,470	2/	1,550	2/	6,970	2/	6,070
1996	2/	4,500	2/	800	2/	6,000	2/	5,700
1997	2/	4,600	2/	3,270	2/	6,500	2/	5,600
1998	2/	3,950	2/	2,700	2/	10,800	2/	
ALL SPRING WHEAT								
1989	25,500	34,757	18,500	24,017	98,000	110,135	71,000	89,162
1990	50,000	66,003	25,000	33,351	62,000	72,583	46,000	55,017
1991	31,000	42,251	20,000	27,939	85,000	100,917	62,000	76,815
1992	35,000	46,522	14,000	21,550	82,000	90,551	55,000	67,758
1993	37,500	50,366	22,500	29,991	116,000	123,400	81,000	93,500
1994	51,000	64,000	32,000	41,800	103,000	121,000	76,800	90,900
1995	47,000	59,700	21,000	31,200	130,000	145,300	81,000	96,500
1996	37,000	55,000	13,000	20,500	104,000	117,800	75,000	85,200
1997	45,000	55,400	20,500	28,370	116,000	135,600	86,000	100,900
1998	61,000	73,600	34,000	43,000	117,000	134,400		
OATS								
1989	2/	2/	1,400	1,550	2/	2/	2/	2/
1990	5,200	5,400	2,500	2,662	5,200	5,700	4,600	4,868
1991	3,000	3,060	1,500	1,628	5,000	5,213	4,900	5,176
1992	3,500	3,838	2,200	2,563	4,500	5,053	3,700	3,834
1993	3,200	3,319	1,800	1,892	4,600	4,730	3,900	4,080
1994	2,500	2,610	2,000	2,135	3,400	3,570	2,800	3,040
1995	2,100	2,250	1,300	1,390	4,500	4,660	4,300	4,520
1996	2,200	2,405	700	870	2,400	2,550	2,300	2,550
1997	1,500	1,950	600	1,100	3,600	3,950	3,200	3,470
1998	1,600	1,750	700	790	3,000	3,190		
BARLEY								
1989	17,000	23,924	10,000	14,856	60,000	67,503	45,000	54,955
1990	27,000	36,000	10,000	14,840	50,000	57,000	34,000	40,117
1991	15,000	20,394	9,000	11,638	65,000	73,307	50,000	60,469
1992	23,000	30,220	10,000	15,464	39,000	46,785	32,000	40,077
1993	20,000	26,813	12,000	15,562	60,000	63,600	42,000	50,200
1994	25,000	34,400	13,000	17,200	45,000	52,500	33,000	40,200
1995	15,000	22,200	6,000	8,600	47,000	53,500	26,000	35,000
1996	11,000	19,500	5,000	8,000	42,000	49,000	28,000	33,000
1997	12,000	16,800	5,000	7,300	47,000	54,200	29,000	36,300
1998	14,000	21,600	5,000	9,000	43,000	50,300		

1/ Includes on farm stocks and stocks at mills, elevators, warehouses, terminals, processors and stocks owned by Commodity Credit Corporation. 2/ Data not available for publication

PLEASE NOTE: Funding for winter wheat and spring wheat stocks was provided by the Montana Wheat & Barley Committee

WHEAT & BARLEY: Shipped out of State by Class & Destination, 1988-1997

Crop Year 2/	ALL WHEAT			WINTER WHEAT			SPRING WHEAT 1/			BARLEY		
	East	West	All	East	West	All	East	West	All	East	West	All
	Thousand Bushels			Thousand Bushels			Thousand Bushels			Thousand Bushels		
1988	1,010	71,184	73,161	261	38,666	39,438	749	32,518	33,723	16,860	17,891	36,771
1989	1,612	96,820	99,369	301	45,934	46,519	1,311	50,886	52,850	4,736	25,643	31,264
1990	2,036	96,459	101,158	543	47,764	48,486	1,493	48,695	52,672	3,481	23,027	26,922
1991	2,310	149,300	153,204	308	77,597	78,067	2,002	71,703	75,137	4,630	27,150	32,129
1992	2,445	102,156	107,180	178	38,120	38,614	2,267	64,036	68,566	3,580	18,392	22,223
1993	7,866	145,081	158,406	978	75,218	78,086	6,888	69,863	80,320	3,307	30,549	34,977
1994	7,008	145,583	154,091	191	60,207	60,665	6,817	85,376	93,426	5,191	28,184	36,132
1995	16,115	176,587	201,287	49	56,404	58,245	16,066	120,183	143,042	8,234	27,430	37,382
1996	4,469	118,996	127,685	529	44,091	45,658	3,940	74,905	82,027	6,804	15,429	24,546
1997	7,340	112,042	124,050	595	32,084	32,892	6,745	79,958	91,158	8,137	15,212	25,948

1/ Includes durum wheat. 2/ Crop year June through May.

PLEASE NOTE: Funding for the above statistics was provided by the Montana Wheat & Barley Committee.

WHEAT & BARLEY: Shipped out of State by Class, District, Mode, & Destination 1/, June 1996-May 1998

Shipments Out-of-State	Crop Year 1996 2/				Crop Year 1997 2/			
	Winter Wheat	Spring Wheat 3/	All Wheat	Barley	Winter Wheat	Spring Wheat 3/	All Wheat	Barley
District of Origin	(000) Bushels							
West 4/	974	3,982	4,956	6,986	549	4,370	4,919	5,946
North Central	27,462	38,751	66,213	15,242	16,983	40,543	57,526	15,636
Northeast	2,180	29,380	31,560	601	1,384	32,121	33,505	151
Central	7,237	4,918	12,155	1,620	6,222	7,197	13,419	3,992
South Central	5,800	2,636	8,436	31	6,849	4,436	11,285	185
Southeast	2,005	2,360	4,365	65	905	2,491	3,396	38
TOTAL SHIPPED	45,658	82,027	127,685	24,546	32,892	91,158	124,050	25,948
Mode & Destination	(000) Bushels							
Trucked East	23	200	223	64	5	722	727	180
Trucked West	3,603	3,388	6,991	3,250	3,442	3,641	7,083	2,217
Trucked Other 5/	116	528	644	304	100	1,216	1,316	157
Total By Truck	3,742	4,116	7,858	3,619	3,547	5,579	9,126	2,554
Rail East	506	3,740	4,246	6,740	590	6,023	6,613	7,957
Rail West	40,488	71,517	112,005	12,179	28,642	76,317	104,959	12,995
Rail Other 5/	922	2,654	3,576	2,008	113	3,239	3,352	2,441
Total by Rail	41,916	77,911	119,827	20,927	29,345	85,579	114,924	23,394
TOTAL SHIPPED	45,658	82,027	127,685	24,546	32,892	91,158	124,050	25,948

1/ Based on data reported by commercial elevators and licensed truckers. Reported data were expanded to represent 100% of elevator capacity. 2/ Crop year June through May. 3/ Includes durum wheat. 4/ Northwest and Southwest combined to avoid disclosure of individual operations. 5/ Other and unknown.

PLEASE NOTE: Funding for the above statistics was provided by the Montana Wheat & Barley Committee.

ALL WHEAT: Supply and Disposition By Marketing Year, Montana, 1993-1997

	1993	1994	1995	1996	1997	97/96
	Million Bushels					
SUPPLY						
Beginning Stocks 1/	48.4	70.5	50.5	27.5	37.2	135%
Production	206.3	170.6	195.8	177.0	185.6	105%
Total Supply	254.7	241.1	246.3	204.5	222.8	109%
DISPOSITION						
Recorded movement out of state 2/	158.4	154.1	201.3	127.7	124.0	97%
Used for seed in Montana	5.9	6.1	7.0	6.7	6.1	91%
Residual 3/	19.9	30.4	10.5	32.9	25.7	78%
Total Disposition	184.2	190.6	218.8	167.3	155.8	93%
Pacific Northwest exports as a percent of total disposition	59%	62%	64%	54%	56%	
Ending Stocks 1/	70.5	50.5	27.5	37.2	67.0	180%

1/ June 1 stocks, All Positions
2/ Montana Wheat Movement Project
3/ Used for flour, used for livestock feed, handling losses, and other unaccounted disappearance.

ALL WHEAT: Recorded Movement by Destination & Marketing Years, Montana, 1993-1997

Item	1993	1994	1995	1996	1997	97/96
	Million Bushels					
All Destinations	170.9	162.6	211.3	137.1	134.3	98%
Out of Montana	158.4	154.1	201.3	127.7	124.0	97%
Pacific Northwest Destinations	138.3	135.6	161.6	104.9	100.8	96%
Export Destinations	108.3	117.8	140.4	90.1	88.0	98%
Export Facilities	99.6	102.0	131.4	84.7	81.7	96%
Columbia/Snake River Barge System	8.7	15.8	9.0	5.4	6.3	117%
Processing Destinations	30.0	17.8	21.2	14.8	12.8	86%
Interior Oregon & Washington Facilities	24.4	12.5	11.9	8.4	7.2	86%
Mills	5.6	5.3	9.3	6.4	5.6	88%
Non-Pacific Northwest Destinations	20.1	18.5	39.7	22.8	23.2	102%
Montana Destinations	12.5	8.5	10.0	9.4	10.3	110%
Inspected exports of Hard Red Spring, Hard Red Winter and Durum from Pacific ports 1/	271.4	274.3	274.5	210.6	195.5	93%
Montana recorded exports as percent of total Hard Red Spring, Hard Red Winter and Durum exports from Pacific ports	40%	43%	51%	43%	45%	

1/ California, Oregon, and Washington ports.

PLEASE NOTE: Funding for the above statistics was provided by the Montana Wheat & Barley Committee.

WHEAT VARIETIES: Percent of Total Seeded Acreage 1992-1998 & Seeded Acreage 1997 1/ & 1998

Class and Variety	Percent of Total Seeded Acreage							Seeded Acres (000)	
	1992	1993	1994	1995	1996	1997	1998	1997	1998
WINTER WHEAT									
Neeley	25.0	18.4	23.3	23.6	24.6	24.3	19.4	389.5	271.8
Rocky	12.5	14.8	13.3	16.5	14.6	19.1	13.9	305.0	194.3
Tiber	13.5	10.7	16.2	12.4	16.5	13.4	13.7	213.7	191.4
Vangard	--	--	--	--	--	0.8	10.3	12.1	144.7
Redwin	9 9	10.8	10.0	8.9	11.4	10.6	5.5	170.2	76.7
Judith	7.0	9.8	10.2	8.2	3.7	3.4	4.4	54.8	61.9
Big Horn	0.3	1.0	1.3	0.7	4.0	2.3	3.5	36.5	48.4
Winalta	6 1	5.8	4.4	2.8	3.5	1.9	3.4	30.6	47.6
Morgan	--	--	--	--	--	--	2.3	--	32.4
Norstar	7.6	6.4	2.0	4.0	1.8	1.8	2.1	29.0	29.3
Roughrider	2.8	2.0	1.8	1.0	2.1	2.3	1.8	36.3	25.3
Rampart	--	--	--	--	--	--	1.8	0.4	25.2
Kestrel	--	--	0.1	0.4	1.4	4.0	1.3	63.6	18.8
Hawk	1 0	1.0	0.9	2.4	0.9	1.7	1.3	27.0	18.2
Quantum 542	--	0.3	1.1	1.8	0.6	1.2	1.0	18.8	13.6
Centurk	3.3	2.4	2.6	3.1	3.1	1.5	1.0	24.7	13.3
Siouxland	--	--	--	--	--	--	0.9	--	12.9
Warrior	0.7	1.1	1.7	0.7	0.4	0.6	0.7	9.6	9.4
Promontory	--	--	--	--	0.3	--	0.7	--	9.3
Cheyenne	0.8	1.0	0.6	0.8	0.1	0.2	0.6	2.7	7.9
Stephens 2/	0.2	0.6	0.2	0.9	0.6	0.4	0.5	7.0	7.0
Weston	0.6	0.2	1.1	0.6	0.6	0.5	0.5	7.9	6.6
Rose	0.1	0.1	0.8	--	0.3	0.2	0.4	3.8	5.8
Yuma	--	--	--	--	--	0.5	0.4	7.6	5.8
Other & Unknown	8.6	13.6	8.4	11.2	9.5	9.3	8.6	149.2	122.4
Montana	100.0	100.0	100.0	100.0	100.0	100.0	100.0	1,600.0	1,400.0
SPRING WHEAT									
McNeal	--	--	--	--	1.3	16.2	26.8	706.6	964.1
Amidon	19.6	29.0	27.9	29.9	28.0	24 7	17.3	1,074.0	621.0
Westbred Rambo	16.7	15.5	11.9	10.5	9.9	10.0	7.7	435.6	276.8
Ernest	--	--	--	--	0.2	3.2	7.6	137.5	272.2
Fortuna	6.6	6.6	8.0	8.3	5.9	6.3	6.4	272.9	229.9
Grandin	0.7	3.4	8.5	7.3	8.8	8.9	6.2	388.5	222.1
Stoa	6.7	5.9	5.7	3.6	6.1	4.5	3.4	197.7	122.2
Hi-Line	--	0.4	2.4	4.3	5.6	3.1	2.9	135.5	103.8
Kulm	--	--	--	--	0.5	0.4	1.9	19.1	69.7
Newana	12.9	8.2	6.9	5.8	5.0	2.4	1.9	106.1	69.6
Westbred 926	0.9	1.5	2.0	3.0	2.5	2.7	1.9	117.0	67.1
Lew	8.7	5.0	7.2	4 9	4 4	2.5	1.8	106.8	64.5
Len	8.1	6.6	6.3	6.3	3 6	3.1	1.8	135.3	64.4
Westbred 936	--	--	0.2	0.3	1.4	1.0	1.6	44.0	57.7
Fergus	--	--	--	0.2	0.6	0.8	0.6	36.7	21.5
Bergen	--	--	--	--	0.6	0.4	0.5	15.7	18 6
Westbred Express	--	--	0.3	0.4	0.3	0.6	0.5	27.4	17.4
Gus	0.1	--	0.1	0.6	1.3	0.6	0.4	27.5	15.7
Butte 86	0.5	0.4	0.1	0.9	0.7	1.4	0.4	58.9	13.3
Tioga	--	--	--	--	--	0.2	0.4	7.9	12.9
Sonja	--	--	--	--	0.1	0.3	0.3	12.6	9.2
Bounty 309	--	--	0.2	0.5	0.2	0.4	0.2	17.2	7.8
Olaf	2.7	2.8	2.2	1.1	0.5	0.6	0.2	24.6	6.6
Penawawa 2/	--	--	--	--	0.4	0.2	0.2	9.4	5.6
Other & Unknown	15.8	14.7	10.1	12.1	12.1	5.5	7.1	235.5	266.3
Montana	100.0	100.0	100.0	100.0	100.0	100.0	100.0	4,350.0	3,600.0
DURUM WHEAT									
Kyle	2.4	7.0	23.6	23.4	20.4	38.4	38.2	111.5	172.1
Sceptre	--	--	--	3.8	3.1	5.1	12.4	14 9	55.8
Vic	26 6	7.7	9.3	17.7	13.9	7.4	7.2	21.6	32.3
Monroe	10.3	24.2	22.5	11.1	20.5	14.1	6.6	40.9	29.4
Renville	5.9	2.8	7.4	10.0	9.0	8.4	5.8	24.3	26.1
Medora	20.8	18.0	3.4	6 0	2.4	8 7	5.5	25.2	24.8
Voss	--	--	--	--	--	1.0	4.2	2.9	19.1
Westbred Laker	8.9	23.5	14.5	3.8	3.1	2.7	3.2	7.9	14.2
Coyote	--	--	--	--	--	--	2.1	--	9.4
Ward	5.8	1.3	4.6	4.7	5.4	1.9	1 6	5.4	7.2
Kronos	--	--	--	--	--	--	1.5	--	6.9
Crosby	4.8	2.8	6.4	3.5	7.8	5.1	0.6	14.7	2.7
Stockholm	--	--	--	--	--	--	0.4	--	1.8
Durex	--	--	--	--	0.8	1.0	0.2	2.9	1.0
Westbred 881	--	--	--	--	0.2	0.1	0.2	0.3	1.0
Ben	--	--	--	--	--	--	0.2	--	0.9
Cando	--	--	--	--	--	--	0.1	--	0.5
Kemut	--	--	1.1	0.3	0.5	0 7	0.1	1.9	0.3
Other & Unknown	14.5	12.7	7.2	15 7	12.9	5.4	9 9	15.6	44.5
Montana	100.0	100.0	100.0	100.0	100 0	100.0	100.0	290.0	450.0

1/ Revised. 2/ Soft White Wheat.
PLEASE NOTE: Funding for wheat varieties was provided by the Montana Wheat & Barley Committee.

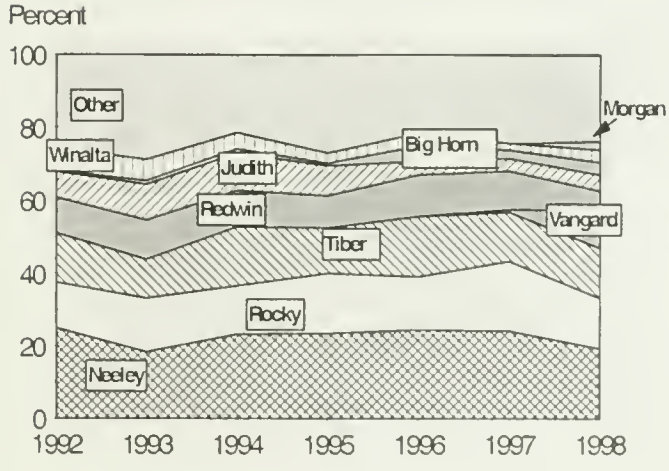
WINTER WHEAT VARIETIES: Seeded Acreage and Percent of Total by Districts, 1998

Variety	Northwest		North Central		Northeast		Central		Southwest		South Central		Southeast		State Total	
	(000)	%	(000)	%	(000)	%	(000)	%	(000)	%	(000)	%	(000)	%	(000)	%
Neeley	0.2	1.5	80.0	12.3	9.7	9.2	125.1	39.7	15.2	43.4	36.9	18.0	4.7	5.9	271.8	19.4
Rocky	--	--	164.5	25.3	1.4	1.3	22.1	7.0	1.4	4.0	4.9	2.4	--	--	194.3	13.9
Tiber	--	--	71.5	11.0	10.0	9.5	51.3	16.3	--	--	48.4	23.6	10.2	12.7	191.4	13.7
Vanguard	--	--	101.4	15.6	--	--	31.2	9.9	--	--	12.1	5.9	--	--	144.7	10.3
Redwin	--	--	13.7	2.1	0.5	0.5	7.9	2.5	1.4	4.1	39.8	19.4	13.4	16.7	76.7	5.5
Judith	--	--	55.9	8.6	--	--	5.4	1.7	--	--	0.6	0.3	--	--	61.9	4.4
Bighorn	--	--	27.3	4.2	0.6	0.6	20.5	6.5	--	--	--	--	--	--	48.4	3.5
Winalta	--	--	6.5	1.0	23.4	22.3	4.7	1.5	--	--	--	--	13.0	16.2	47.6	3.4
Morgan	--	--	29.3	4.5	--	--	0.3	0.1	--	--	0.2	0.1	2.6	3.2	32.4	2.3
Norstar	--	--	14.3	2.2	12.8	12.2	0.6	0.2	--	--	--	--	1.6	2.0	29.3	2.1
Roughrider	--	--	--	--	21.6	20.6	--	--	--	--	3.1	1.5	0.6	0.7	25.3	1.8
Rampart	--	--	16.9	2.6	--	--	1.9	0.6	0.5	1.4	5.9	2.9	--	--	25.2	1.8
Kestrel	--	--	9.1	1.4	2.4	2.3	0.9	0.3	--	--	1.2	0.6	5.2	6.5	18.8	1.3
Hawk	--	--	14.3	2.2	--	--	--	--	--	--	3.9	1.9	--	--	18.2	1.3
Quantum 542	--	--	11.7	1.8	--	--	0.3	0.1	--	--	1.6	0.8	--	--	13.6	1.0
Centurk	--	--	7.8	1.2	--	--	4.1	1.3	--	--	--	--	1.4	1.8	13.3	1.0
Siouxland	--	--	--	--	--	--	3.5	1.1	--	--	9.4	4.6	--	--	12.9	0.9
Warrior	--	--	--	--	0.8	0.8	--	--	--	--	3.7	1.8	4.9	6.1	9.4	0.7
Promontory	--	--	--	--	--	--	3.8	1.2	--	--	5.5	2.7	--	--	9.3	0.7
Cheyenne	--	--	--	--	7.0	6.7	0.9	0.3	--	--	--	--	--	--	7.9	0.6
Stephens 1/	1.7	17.3	--	--	--	--	--	--	5.3	15.1	--	--	--	--	7.0	0.5
Weston	--	--	--	--	--	--	--	--	--	--	6.6	3.2	--	--	6.6	0.5
Rose	--	--	--	--	--	--	--	--	--	--	--	--	5.8	7.3	5.8	0.4
Yuma	0.6	5.8	3.3	0.5	--	--	0.3	0.1	--	--	1.6	0.8	--	--	5.8	0.4
Other & Unknown	7.5	75.4	22.5	3.5	14.8	14.0	30.2	9.6	11.2	32.0	19.6	9.5	16.6	20.9	122.4	8.6
Montana	10.0	100.0	650.0	100.0	105.0	100.0	315.0	100.0	35.0	100.0	205.0	100.0	80.0	100.0	1400.0	100.0

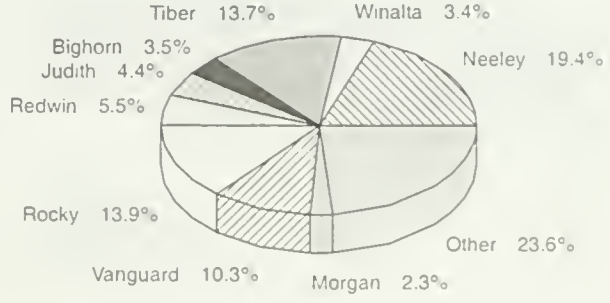
1/ Soft White Wheat. PLEASE NOTE: Funding for wheat varieties was provided by the Montana Wheat & Barley Committee.

Winter Wheat - Major Varieties as Percent of Total Planted

Major Varieties - 1992-98



Major Varieties - 1998



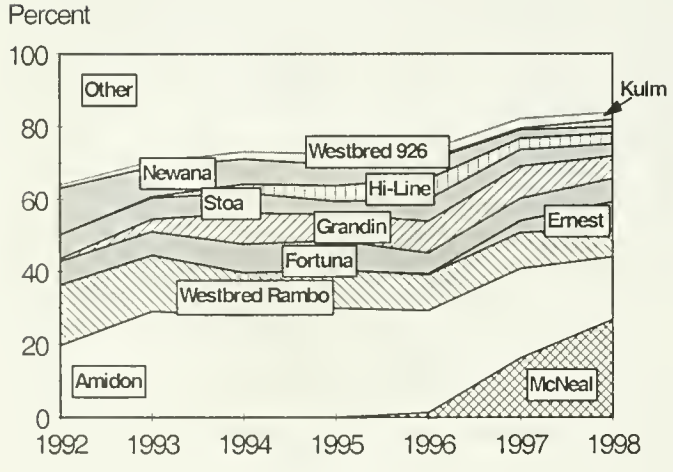
SPRING WHEAT VARIETIES: Seeded Acreage and Percent of Total by Districts, 1998

Variety	Northwest		North Central		Northeast		Central		Southwest		South Central		Southeast		State Total	
	(000)	%	(000)	%	(000)	%	(000)	%	(000)	%	(000)	%	(000)	%	(000)	%
McNeal	1.3	5.0	355.0	22.9	463.3	32.4	65.2	24.6	2.1	5.2	38.0	33.0	39.2	22.4	964.1	26.8
Amidon	--	--	173.6	11.2	351.8	24.6	27.3	10.3	--	--	19.6	17.0	48.7	27.8	621.0	17.3
Westbred Rambo	1.6	6.4	240.3	15.5	5.7	0.4	27.8	10.5	--	--	0.2	0.2	1.2	0.7	276.8	7.7
Ernest	--	--	189.1	12.2	51.5	3.6	14.3	5.4	--	--	11.5	10.0	5.8	3.3	272.2	7.6
Fortuna	--	--	187.6	12.1	20.0	1.4	13.8	5.2	0.8	2.0	4.4	3.8	3.3	1.9	229.9	6.4
Grandin	--	--	38.8	2.5	148.7	10.4	12.2	4.6	--	--	--	--	22.4	12.8	222.1	6.2
Stoa	--	--	23.3	1.5	85.8	6.0	--	--	--	--	--	--	13.1	7.5	122.2	3.4
Hi-Line	--	--	80.6	5.2	11.4	0.8	4.8	1.8	4.0	10.0	0.2	0.2	2.8	1.6	103.8	2.9
Kulm	0.4	1.7	55.8	3.6	1.4	0.1	5.6	2.1	1.8	4.4	1.4	1.2	3.3	1.9	69.7	1.9
Newana	--	--	3.1	0.2	65.8	4.6	--	--	--	--	--	--	0.7	0.4	69.6	1.9
Westbred 926	2.2	8.6	24.8	1.6	--	--	27.6	10.4	6.9	17.3	3.1	2.7	2.5	1.4	67.1	1.9
Lew	--	--	43.4	2.8	7.1	0.5	5.3	2.0	--	--	7.1	6.2	1.6	0.9	64.5	1.8
Len	--	--	--	--	60.1	4.2	--	--	--	--	0.8	0.7	3.5	2.0	64.4	1.8
Westbred 936	10.1	40.3	23.3	1.5	--	--	13.0	4.9	9.5	23.8	1.8	1.6	--	--	57.7	1.6
Fergus	--	--	4.7	0.3	--	--	12.5	4.7	3.0	7.4	1.3	1.1	--	--	21.5	0.6
Bergen	--	--	--	--	18.6	1.3	--	--	--	--	--	--	--	--	18.6	0.5
Westbred Express	2.8	11.2	--	--	--	--	4.5	1.7	5.0	12.5	5.1	4.4	--	--	17.4	0.5
Gus	--	--	--	--	15.7	1.1	--	--	--	--	--	--	--	--	15.7	0.4
Butte 86	--	--	--	--	8.6	0.6	--	--	--	--	--	--	4.7	2.7	13.3	0.4
Tioga	--	--	--	--	12.9	0.9	--	--	--	--	--	--	--	--	12.9	0.4
Sonja	--	--	7.8	0.5	1.4	0.1	--	--	--	--	--	--	--	--	9.2	0.3
Bounty 309	--	--	--	--	5.7	0.4	2.1	0.8	--	--	--	--	--	--	7.8	0.2
Olaf	--	--	--	--	2.9	0.2	1.1	0.4	--	--	2.4	2.1	0.2	0.1	6.6	0.2
Penawawa 1/	2.6	10.4	1.6	0.1	--	--	--	--	1.4	3.5	--	--	--	--	5.6	0.2
Other & Unknown	4.0	16.4	97.2	6.3	91.6	6.4	27.9	10.6	5.5	13.9	18.1	15.8	22.0	12.6	266.3	7.1
Montana	25.0	100.0	1,550.0	100.0	1,430.0	100.0	265.0	100.0	40.0	100.0	115.0	100.0	175.0	100.0	3,600.0	100.0

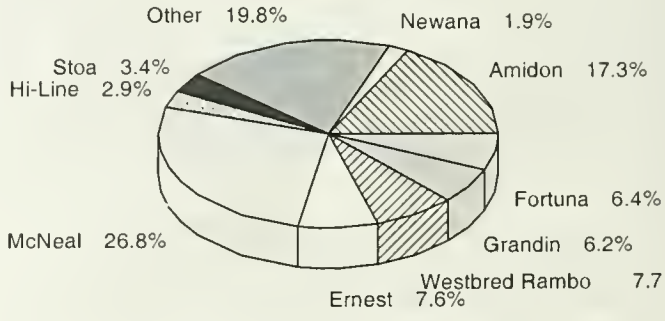
1/ Soft White Wheat. PLEASE NOTE: Funding for wheat varieties was provided by the Montana Wheat & Barley Committee.

Spring Wheat - Major Varieties as Percent of Total Planted

Major Varieties - 1992-98



Major Varieties - 1998



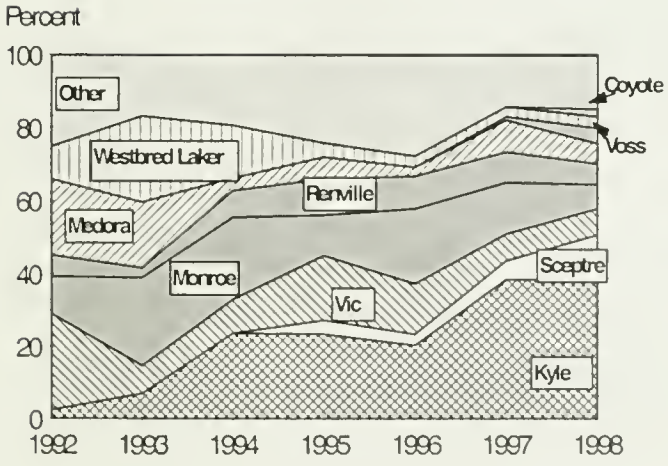
DURUM WHEAT VARIETIES: Seeded Acreage and Percent of Total by Districts, 1998

Variety	North Central		North East		Central		Other Districts		State Total	
	(000)	%	(000)	%	(000)	%	(000)	%	(000)	%
Kyle	10.2	8.9	159.2	53.6	2.7	13.3	--	--	172.1	38.2
Sceptre	51.1	44.4	--	--	4.7	23.4	--	--	55.8	12.4
Vic	0.5	0.4	31.8	10.7	--	--	--	--	32.3	7.2
Monroe	3.6	3.1	25.8	8.7	--	--	--	--	29.4	6.6
Renville	2.5	2.2	18.1	6.1	--	--	5.5	31.0	26.1	5.8
Medora	0.3	0.3	24.1	8.1	0.4	2.0	--	--	24.8	5.5
Voss	17.9	15.6	1.2	0.4	--	--	--	--	19.1	4.2
Westbred Laker	6.6	5.7	7.1	2.4	--	--	0.5	3.0	14.2	3.2
Coyote	1.4	1.2	8.0	2.7	--	--	--	--	9.4	2.1
Ward	0.1	0.1	7.1	2.4	--	--	--	--	7.2	1.6
Kronos	6.9	6.0	--	--	--	--	--	--	6.9	1.5
Crosby	--	--	2.7	0.9	--	--	--	--	2.7	0.6
Stockholm	1.8	1.6	--	--	--	--	--	--	1.8	0.4
Durex	1.0	0.9	--	--	--	--	--	--	1.0	0.2
Westbred 881	--	--	0.3	0.1	--	--	0.7	4.0	1.0	0.2
Ben	0.6	0.5	0.3	0.1	--	--	--	--	0.9	0.2
Cando	--	--	--	--	0.5	2.7	--	--	0.5	0.1
Kemut	0.3	0.3	--	--	--	--	--	--	0.3	0.1
Other & Unknown	10.2	8.8	11.3	3.8	11.7	58.6	11.3	62.0	44.5	9.9
Montana	115.0	100.0	297.0	100.0	20.0	100.0	18.0	100.0	450.0	100.0

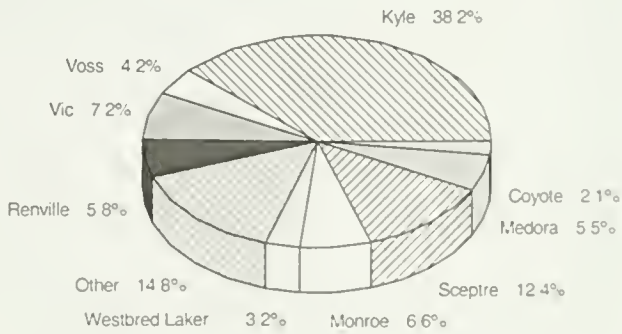
PLEASE NOTE: Funding for the wheat varieties was provided by the Montana Wheat & Barley Committee

Durum Wheat - Major Varieties as Percent of Total Planted

Major Varieties - 1992-98



Major Varieties - 1998



BARLEY VARIETIES: Percent of Total Seeded Acreage 1992-1998 & Seeded Acreage 1997 1/-1998

VARIETY	Percent of Total Seeded Acreage							Seeded Acres (000)	
	1992	1993	1994	1995	1996	1997 1/	1998	1997 1/	1998
Harrington 2/	23.5	22.0	28.0	24.9	32.6	33.4	43.1	434.8	602.8
Baronesse	0.1	1.5	7.2	11.9	12.2	15.6	11.7	203.3	163.4
Hector	23.9	22.5	14.7	13.5	10.2	8.8	6.7	114.0	93.8
B 1202 2/	3.9	5.7	3.7	6.1	5.4	5.1	4.9	66.6	68.5
Gallatin	8.0	8.4	8.8	6.9	5.7	5.8	4.4	75.9	62.3
Bowman	7.1	7.3	5.8	6.9	6.0	4.7	3.1	60.5	42.9
Haybet	0.0	0.0	0.7	1.5	1.4	2.1	2.9	26.8	41.0
Galena	0.0	0.0	0.8	0.9	1.2	1.4	2.8	18.0	39.0
Lewis	2.2	5.1	5.2	2.5	2.4	1.5	2.1	19.1	29.7
Piroline	9.5	7.4	5.6	4.3	3.0	3.4	2.1	44.6	29.4
Horsford	1.4	1.9	1.3	1.2	2.3	1.7	2.1	22.4	28.8
Chinook 2/	0.0	0.0	0.0	0.0	0.5	0.8	1.7	10.2	24.1
Morex 2/	3.0	2.4	2.0	0.5	0.7	1.2	1.5	15.2	20.4
Clark	2.5	2.1	1.2	1.5	1.6	1.1	1.1	14.5	14.9
Stark	0.0	0.0	0.7	0.5	0.7	0.8	0.9	10.4	12.4
B 2601 2/	1.4	0.6	1.1	1.8	1.3	1.8	0.9	23.0	12.3
Menuet	1.4	0.8	1.5	0.9	1.1	0.7	0.8	9.0	10.6
Nebula	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	3.9
B Merit	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	3.9
Moravian III	1.8	1.9	0.8	1.0	1.8	0.9	0.3	11.1	3.7
Unitan	0.2	0.5	0.3	0.2	0.0	0.5	0.2	7.0	3.4
Klages	0.3	0.6	0.0	0.1	0.8	0.3	0.2	3.4	2.7
Excel 2/	0.1	0.2	0.4	1.3	0.0	0.3	0.1	4.1	2.0
Larker	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	1.1
Other & Unknown	9.7	9.1	10.2	11.6	9.1	8.1	5.7	106.1	83.0
Montana	100.0	100.0	100.0	100.0	100.0	100.0	100.0	1,300.0	1,400.0

1/ Revised. 2/ American Malting Barley Association, Inc recommended for malting and brewing for Montana

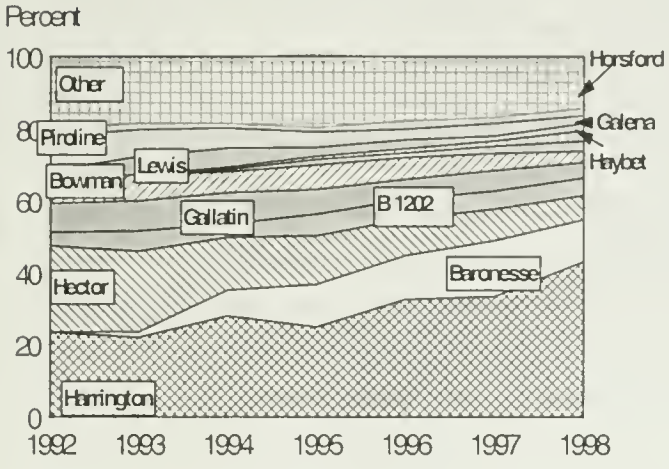
BARLEY VARIETIES: Seeded Acreage and Percent of Total by Districts - 1998

VARIETY	Northwest		North Central		Northeast		Central		Southwest		South Central		Southeast		State	
	(000)	%	(000)	%	(000)	%	(000)	%	(000)	%	(000)	%	(000)	%	(000)	%
Harrington 1/	0.5	1.7	476.6	61.9	6.6	5.3	99.6	36.9	15.8	22.6	3.7	4.1	--	--	602.8	43.1
Baronesse	8.2	27.2	77.8	10.1	4.6	3.7	56.7	21.0	10.4	14.8	4.3	4.8	1.4	3.1	163.4	11.7
Hector	0.3	0.9	23.9	3.1	35.0	28.0	19.7	7.3	1.5	2.2	8.5	9.4	4.9	10.9	93.8	6.7
B 1202 1/	--	--	55.4	7.2	--	--	4.0	1.5	0.4	0.6	8.7	9.7	--	--	68.5	4.9
Gallatin	2.6	8.8	11.6	1.5	1.0	0.8	18.9	7.0	3.7	5.3	18.7	20.8	5.8	12.8	62.3	4.4
Bowman	--	--	6.9	0.9	12.8	10.2	5.4	2.0	--	--	11.3	12.5	6.5	14.5	42.9	3.1
Haybet	2.3	7.6	4.6	0.6	12.1	9.7	4.0	1.5	1.6	2.3	2.5	2.8	13.9	30.9	41.0	2.9
Galena	--	--	31.6	4.1	--	--	--	--	0.5	0.7	6.9	7.7	--	--	39.0	2.8
Lewis	--	--	15.4	2.0	8.8	7.0	1.1	0.4	1.0	1.4	0.4	0.4	3.0	6.7	29.7	2.1
Piroline	--	--	13.1	1.7	--	--	11.3	4.2	4.0	5.7	--	--	1.0	2.2	29.4	2.1
Horsford	1.4	4.6	5.4	0.7	6.4	5.1	6.2	2.3	1.5	2.1	7.0	7.8	0.9	2.1	28.8	2.1
Chinook 1/	0.9	3.0	7.7	1.0	2.0	1.6	10.3	3.8	--	--	3.2	3.6	--	--	24.1	1.7
Morex 1/	--	--	4.6	0.6	--	--	4.9	1.8	10.1	14.4	--	--	0.8	1.8	20.4	1.5
Clark	0.1	0.2	3.1	0.4	1.4	1.1	7.3	2.7	--	--	3.0	3.3	--	--	14.9	1.1
Stark	--	--	--	--	12.0	9.6	--	--	--	--	--	--	0.4	0.9	12.4	0.9
B 2601 1/	--	--	12.3	1.6	--	--	--	--	--	--	--	--	--	--	12.3	0.9
Menuet	10.3	34.2	--	--	0.3	0.2	--	--	--	--	--	--	--	--	10.6	0.8
B Merit	--	--	3.9	0.5	--	--	--	--	--	--	--	--	--	--	3.9	0.3
Nebula	--	--	--	--	--	--	0.3	0.1	3.5	5.0	0.1	0.1	--	--	3.9	0.3
Moravian III	--	--	--	--	--	--	--	--	--	--	3.7	4.1	--	--	3.7	0.3
Unitan	--	--	--	--	--	--	0.5	0.2	0.3	0.4	--	--	2.6	5.8	3.4	0.2
Klages	--	--	0.8	0.1	1.9	1.5	--	--	--	--	--	--	--	--	2.7	0.2
Excel 1/	--	--	--	--	2.0	1.6	--	--	--	--	--	--	--	--	2.0	0.1
Larker	--	--	--	--	--	--	1.1	0.4	--	--	--	--	--	--	1.1	0.1
Other & Unknown	3.4	11.8	15.3	2.0	18.1	14.6	18.7	6.9	15.7	22.5	8.0	8.9	3.8	8.3	83.0	5.7
Montana	30.0	100.0	770.0	100.0	125.0	100.0	270.0	100.0	70.0	100.0	90.0	100.0	45.0	100.0	1,400.0	100.0

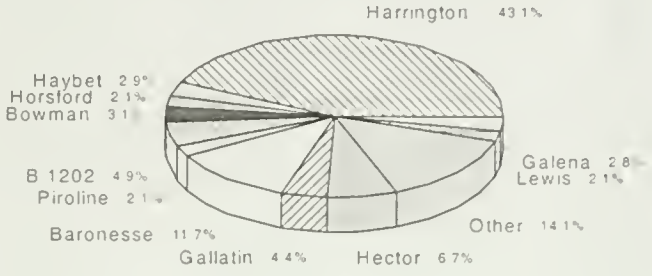
1/ American Malting Barley Association, Inc. recommended for malting and brewing for Montana, 1998.

Barley - Major Varieties as Percent of Total Planted

Major Varieties - 1991-97



Major Varieties - 1997



PLEASE NOTE: Funding for barley varieties was provided by the American Malting Barley Association, Inc. and the Montana Wheat & Barley Committee.

MARKETINGS OF MAJOR CROPS: Estimated Percent of Farm Sales, Monthly, 1992-93 to 1997-98

Marketing Year	July	Aug	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
ALL WHEAT	Percent											
1992-93	2	4	6	8	11	9	14	13	11	7	8	7
1993-94	5	4	6	7	9	10	15	12	10	8	7	7
1994-95	5	8	7	8	10	10	13	10	9	6	6	8
1995-96	6	6	7	9	10	11	14	10	8	8	5	6
1996-97	3	5	7	6	8	14	14	11	9	10	6	7
1997-98	5	5	8	8	6	13	11	10	12	8	8	6
BARLEY	Percent											
1992-93	7	12	10	11	9	6	9	10	7	6	7	6
1993-94	3	5	7	10	8	8	13	13	9	9	8	7
1994-95	7	14	12	9	9	9	12	10	9	3	3	3
1995-96	2	14	12	11	14	13	11	8	6	4	2	3
1996-97	6	14	14	4	6	7	11	12	8	7	5	6
1997-98	15	19	19	10	4	9	3	4	2	2	3	10
OATS	Percent											
1992-93	6	7	7	9	7	12	14	5	16	7	7	3
1993-94	4	3	8	18	5	14	5	13	14	6	6	4
1994-95	5	15	13	6	10	7	7	9	9	11	6	2
1995-96	4	10	13	11	3	6	12	16	5	4	6	10
1996-97	8	14	22	3	13	12	2	5	6	13	–	2
1997-98	--	9	28	17	8	3	2	12	12	5	1	3

Marketing Year	June	July	Aug	Sept	Oct.	Nov	Dec	Jan.	Feb.	Mar	Apr	May
ALL HAY	Percent											
1991-92	3	11	13	7	8	7	10	12	9	8	6	6
1992-93	3	7	7	8	12	14	17	10	10	7	3	2
1993-94	3	7	7	8	12	14	17	10	10	7	3	2
1994-95	5	5	9	9	8	17	12	10	8	9	6	2
1995-96	5	13	10	15	15	11	10	8	6	3	3	1
1996-97	8	11	11	9	10	11	10	9	7	7	4	3

MONTANA'S RANK IN THE NATION'S AGRICULTURE

ITEM		UNIT	PERIOD OR DATE	RANK	% U.S. Total
Land in farms and ranches	59,600,000	acres	1997	2	6.2
Number of farms and ranches	24,000	farms/ranches	1997	31	1.2
Income from cash receipts, excluding Gov't payments:					
Total	2,063	million dollars	1997	33	1.0
Crops	1,072	million dollars	1997	30	1.0
Livestock	991	million dollars	1997	30	1.0
LIVESTOCK INVENTORY					
All Cattle & Calves	2,600,000	head	Jan. 1, 1998	12	2.6
All Cows	1,560,000	head	Jan. 1, 1998	8	3.6
Beef Cows	1,542,000	head	Jan. 1, 1998	6	4.6
Milk Cows	18,000	head	Jan. 1, 1998	44	0.2
Cattle on Feed	80,000	head	Jan. 1, 1998	21	0.6
Hogs and Pigs	175,000	head	Dec. 1, 1997	27	0.3
Sheep and Lambs	410,000	head	Jan. 1, 1998	5	5.4
All Chickens	390,000	birds	Dec. 1, 1997	42	0.1
LIVESTOCK PRODUCTION					
Calf Crop	1,510,000	head	1997	7	3.9
Lamb Crop	380,000	head	1997	3	7.2
Pig Crop	315,000	head	1997	26	0.3
Wool Production	3,813,000	pounds	1997	5	7.1
Egg Production	88,000,000	eggs	1997	42	0.1
Honey Production	12,840,000	pounds	1997	5	6.7
CROP PRODUCTION					
All Wheat	185,630,000	bushels	1997	3	7.3
Winter Wheat	56,550,000	bushels	1997	11	3.0
Durum Wheat	7,280,000	bushels	1997	4	8.4
Spring Wheat Other Than Durum	121,800,000	bushels	1997	2	21.8
Barley	63,600,000	bushels	1997	2	17.0
Oats	3,850,000	bushels	1997	14	2.2
All Hay	5,480,000	tons	1997	10	3.6
Alfalfa Hay	3,960,000	tons	1997	8	5.0
Dry Beans	257,000	cwt	1997	12	0.9
Potatoes--fall	3,328,000	cwt	1997	13	0.8
Sugar Beets	1,224,000	tons	1997	8	4.1
Corn for Grain	1,890,000	bushels	1997	41	1/
Corn for Silage	945,000	tons	1997	27	1.0

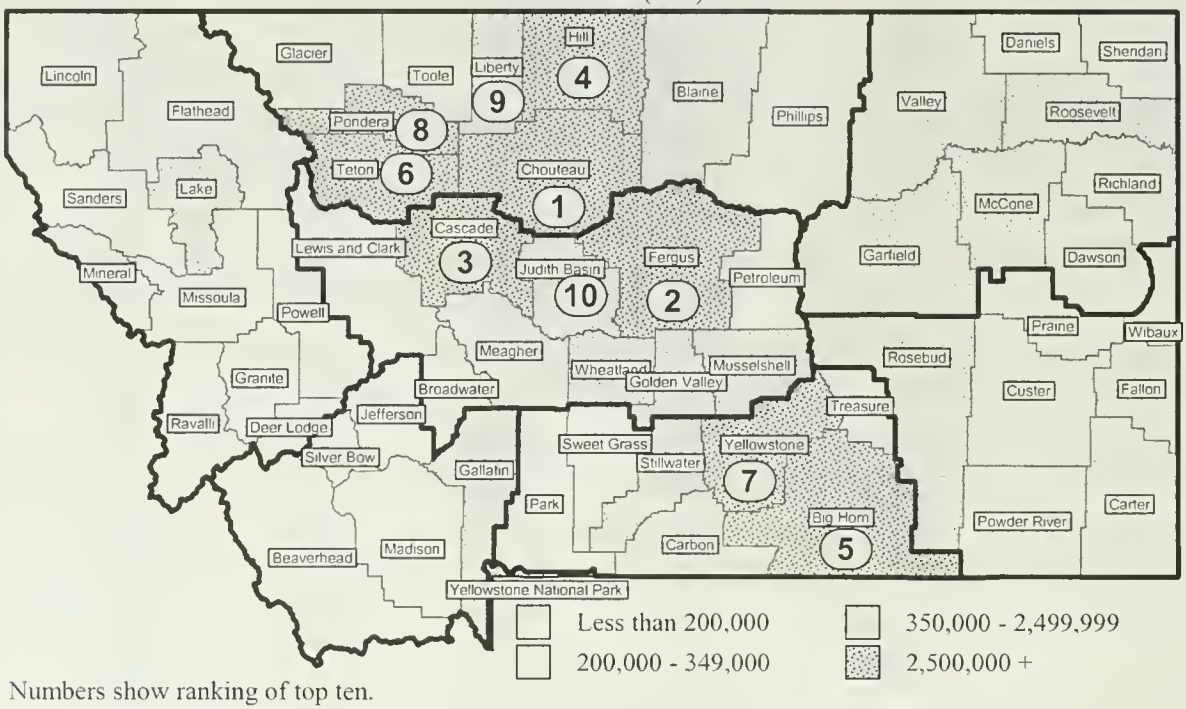
1/ Less than one-tenth of one percent.

CROPS AND LIVESTOCK: Record Highs and Lows, Montana

Item	Unit	RECORD HIGH		RECORD LOW		Year Estimate Started
		Quantity	Mo/Year 1/	Quantity	Mo/Year 1/	
BARLEY						
Planted	Acres	2,400,000	1986	146,000	1938	1926
Harvested	Acres	2,180,000	1986	2,000	1883	1882
Yield	Bu	58.0	1993	12.0	1919	1882
Production	Bu	94,500,000	1987	79,000	1883	1882
Price	$/Bu.	3.34	May-1996	.23	Feb-1933	1910
All Stocks	Bu.	94,175,000	Sep-1987	2,886,000	July-1953	1945
CORN						
Planted-All Purposes	Acres	401,000	1924	55,000	1996	1923
Harvested for GRAIN	Acres	101,000	1923	2,000	1897	1892
Grain Yield	Bu	137.0	1996	8.5	1919	1892
Grain Production	Bu	2,750,000	1992	42,000	1897	1892
Season Average Price	$/Bu.	3.60	1980	.40	1932	1892
Harvested for SILAGE	Acres	75,000	1989	2,000	1931	1919
Silage Yield	Tons	21.0	1997	1.5	1934	1919
Silage Production	Tons	1,491,000	1978	7,000	1928	1919
ALFALFA HAY						
Harvested	Acres	1,700,000	1996	374,000	1919	1919
Yield	Tons	2.60	1981	1.20	1935	1919
Production	Tons	4,000,000	1995	598,000	1919	1919
Price	$/Ton	117.00	Feb-1997	6.70	Aug-1939	1939
ALL OTHER HAY						
Harvested	Acres	1,390,000	1965	650,000	1994	1963
Yield	Tons	1.70	1995	1.00	1988	1963
Production	Tons	1,678,000	1965	700,000	1988	1963
Price	$/Ton	95.00	Apr-1997	12.00	May-1958	1953
ALL HAY						
Harvested	Acres	2,600,000	1997	1,125,000	1910	1909
Yield	Tons	2.23	1995	.88	1936	1909
Production	Tons	5,480,000	1997	1,283,000	1910	1909
Price	$/Ton	115.00	Feb-1997	6.50	Aug-1939	1939
All Stocks	Tons	5,042,000	Dec-1997	194,000	May-1950	1944
OATS						
Planted	Acres	781,000	1970	100,000	1996	1929
Harvested	Acres	650,000	1918	46,000	1882	1882
Yield	Bu.	65.0	1993	13.5	1919	1882
Production	Bu.	25,650,000	1915	1,600,000	1889	1882
Price	$/Bu.	2.49	Sep-1988	.20	Feb-1933	1910
All Stocks	Bu.	29,432,000	Oct-1970	790,000	June-1998	1945
ALL WHEAT						
Planted	Acres	6,630,000	1996	2,543,000	1916	1916
Harvested	Acres	6,350,000	1996	9,000	1876	1873
Yield	Bu.	39.2	1993	5.0	1919	1873
Production	Bu.	206,334,000	1993	162,000	1876	1873
Price	$/Bu	5.49	May-1996	.25	Dec-1932	1910
All Stocks	Bu.	234,709,000	Oct-1982	1,763,000	July-1932	1930
DURUM WHEAT						
Planted	Acres	1,017,000	1956	15,000	1954	1954
Harvested	Acres	978,000	1956	14,000	1954	1954
Yield	Bu.	33.0	1992	9.0	1988	1954
Production	Bu.	18,093,000	1956	189,000	1954	1954
Price	$/Bu	7.47	Jan-1974	1.20	Feb-1970	1955
All Stocks	Bu.	17,320,000	Oct-1982	487,000	July-1966	1964
SPRING WHEAT OTHER THAN DURUM						
Planted	Acres	4,350,000	1997	1,129,000	1969	1954
Harvested	Acres	4,200,000	1997	1,104,000	1969	1954
Yield	Bu.	37.0	1993	9.0	1961	1954
Production	Bu.	133,000,000	1995	13,518,000	1961	1954
Price	$/Bu.	5.46	May-1996	.26	Dec-1932	1929
All Stocks	Bu.	138,330,000	Sep-1995	9,062,000	July-1975	1971
WINTER WHEAT						
Planted	Acres	3,200,000	1976	150,000	1909	1909
Harvested	Acres	3,080,000	1976	127,000	1909	1909
Yield	Bu	42.0	1993	5.2	1919	1909
Production	Bu	105,000,000	1975	2,798,000	1919	1909
Price	$/Bu	5.62	May-1996	.24	Dec-1932	1929
All Stocks	Bu.	114,590,000	Sep-1987	7,000,000	June-1996	1971
CATTLE						
All Cattle & Calves, Jan.1	Head	3,380,000	1974	67,000	1867	1867
Beef Cows, Jan. 1 2/	Head	1,746,000	1974	294,000	1938	1924
Milk Cows, Jan. 1 2/	Head	215,000	1934	8,000	1880	1875
Calves Born	Head	1,730,000	1973	350,000	1938	1924
Beef Cattle Prices	$/Cwt.	84.40	Aug-1990	2.70	Dec-1933	1910
Calf Prices	$/Cwt	105.00	Feb-1991	4.10	Jan-1934	1910
HOGS						
All Hogs, Dec. 1	Head	445,000	1943	1,000	1867	1867
Dec-May Pig Crop	Head	421,000	1943	83,000	1937	1924
June-Nov Pig Crop	Head	277,000	1943	57,000	1934	1924
All Hog & Pig Prices	$/Cwt.	58.10	Jun-1990	2.60	Jan-1933	1910
SHEEP						
All Sheep & Lambs, Jan 1	Head	4,280,000	1934	410,000	1998	1930
Breeding Sheep, Jan. 1	Head	5,736,000	1903	3,000	1867	1867
Market Sheep & Lambs, Jan 1	Head	428,000	1945	14,000	1980	1930
Ewes - 1 Yr Plus, Jan. 1	Head	3,268,000	1931	315,000	1998	1930
Lambs Crop	Head	2,695,000	1934	360,000	1979	1924
Sheep Prices	$/Cwt.	43.90	July-1997	1.95	Nov-1932	1910
Lamb Prices	$/Cwt.	105.00	Feb-1997	3.50	Jan-1932	1910
Wool Production	Pounds	38,480,000	1909	3,813,000	1997	1909
Wool Price	$/Lb.	1.72	Jan-1989	.07	July-1932	1910
CHICKENS & EGGS						
All Chickens, Dec. 1	Head	2,738,000	1944	390,000	1997	1924
Average number of Layers	Head	1,870,000	1925	293,000	1997	1924
Egg Production	Eggs	265,000,000	1944	88,000,000	1997	1924

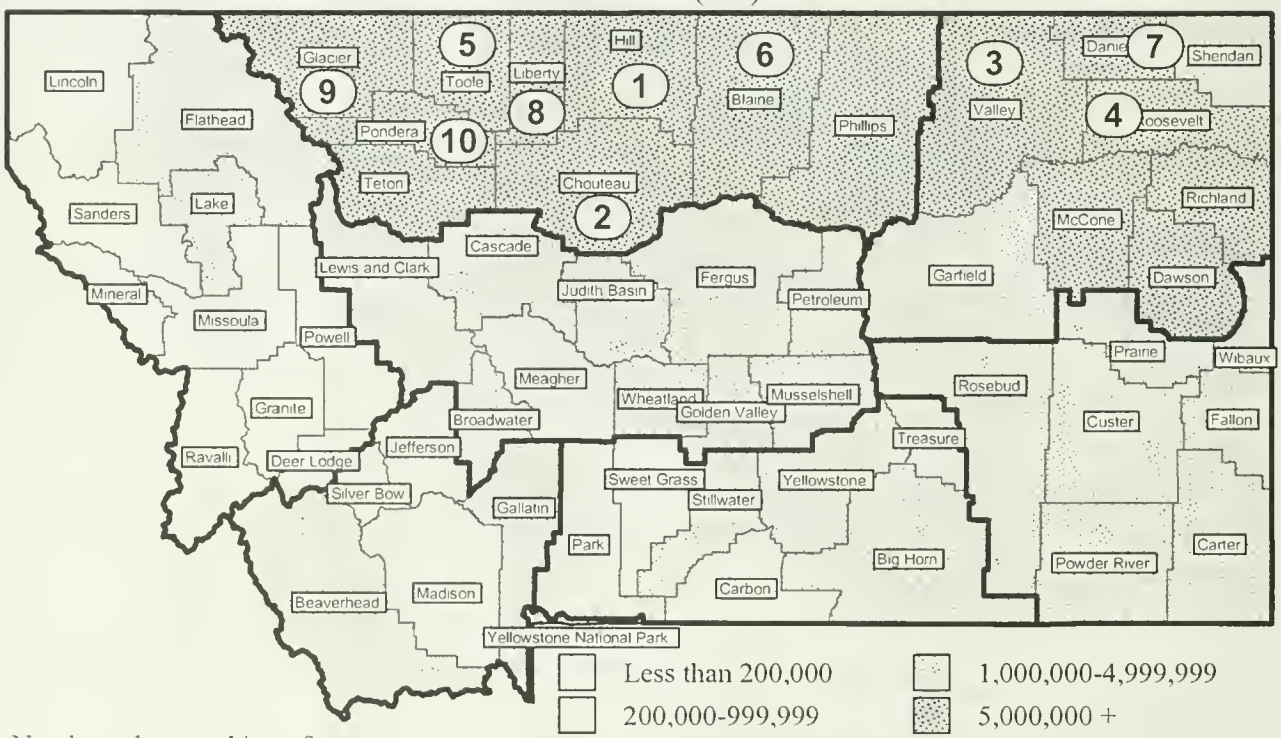
1/ In case of a tie, the most recent year was used. 2/ Cows two years old and older prior to 1970. After 1970, cows that have calved.

Winter Wheat - 1997
Production (Bu.)



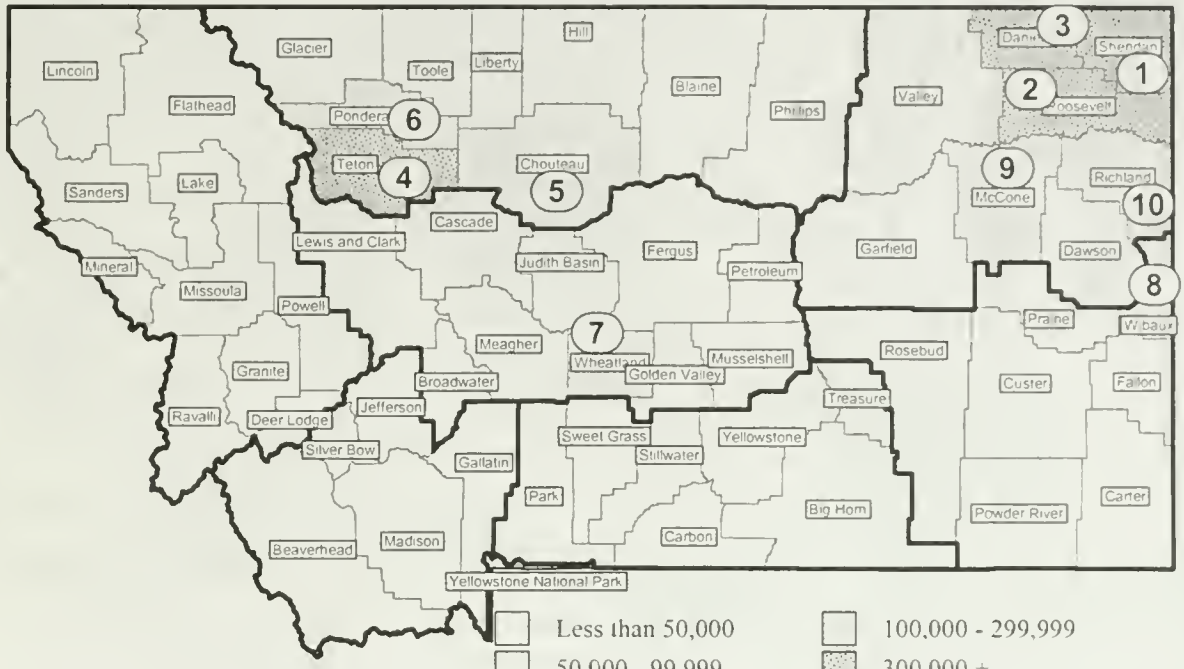
Numbers show ranking of top ten.

Other Spring Wheat - 1997
Production (Bu.)



Numbers show ranking of top ten.

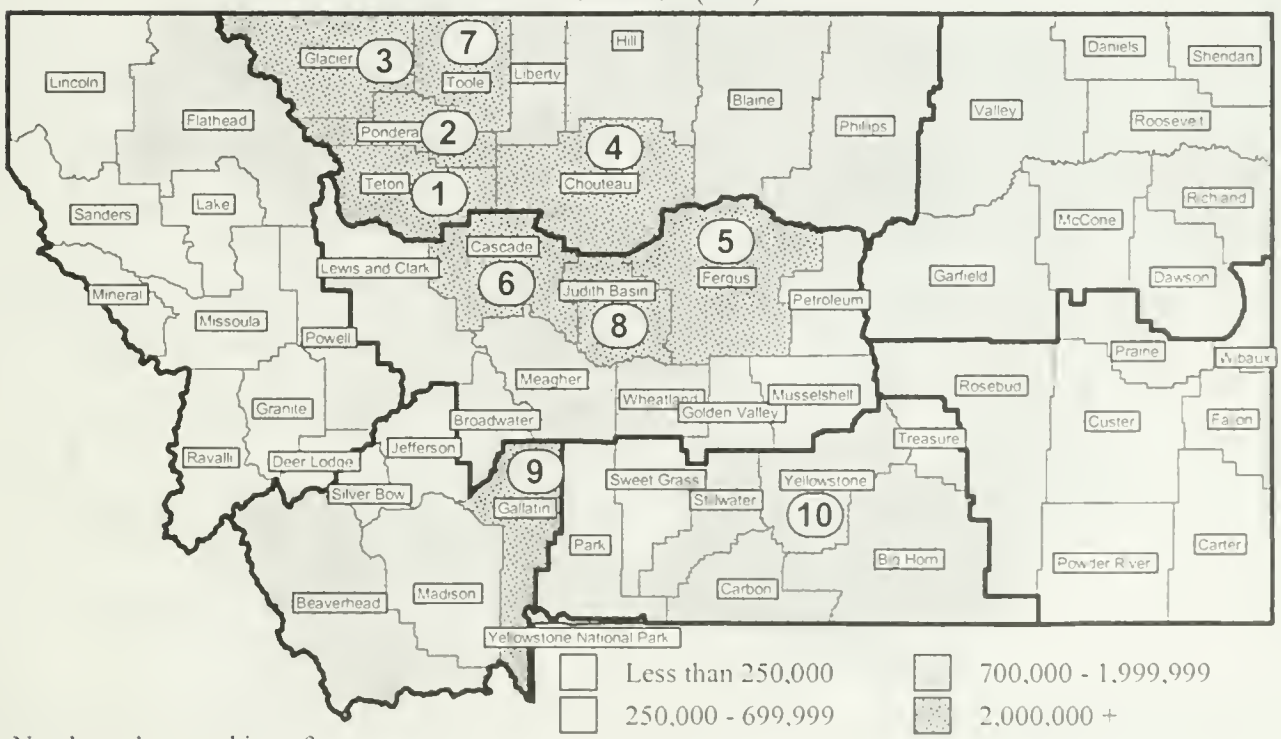
Durum Wheat - 1997
Production (Bu.)



Less than 50,000
50,000 - 99,999
100,000 - 299,999
300,000 +

Numbers show ranking of top ten.

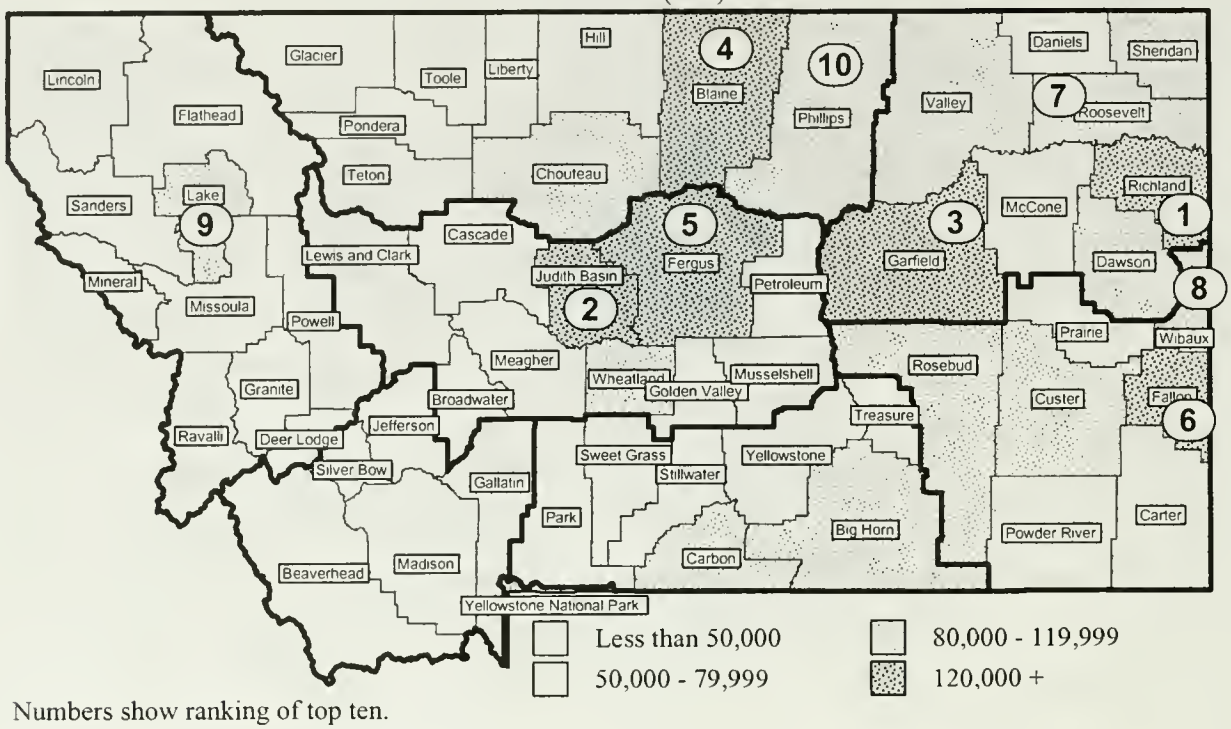
Barley - 1997
Production (Bu.)



Less than 250,000
250,000 - 699,999
700,000 - 1,999,999
2,000,000 +

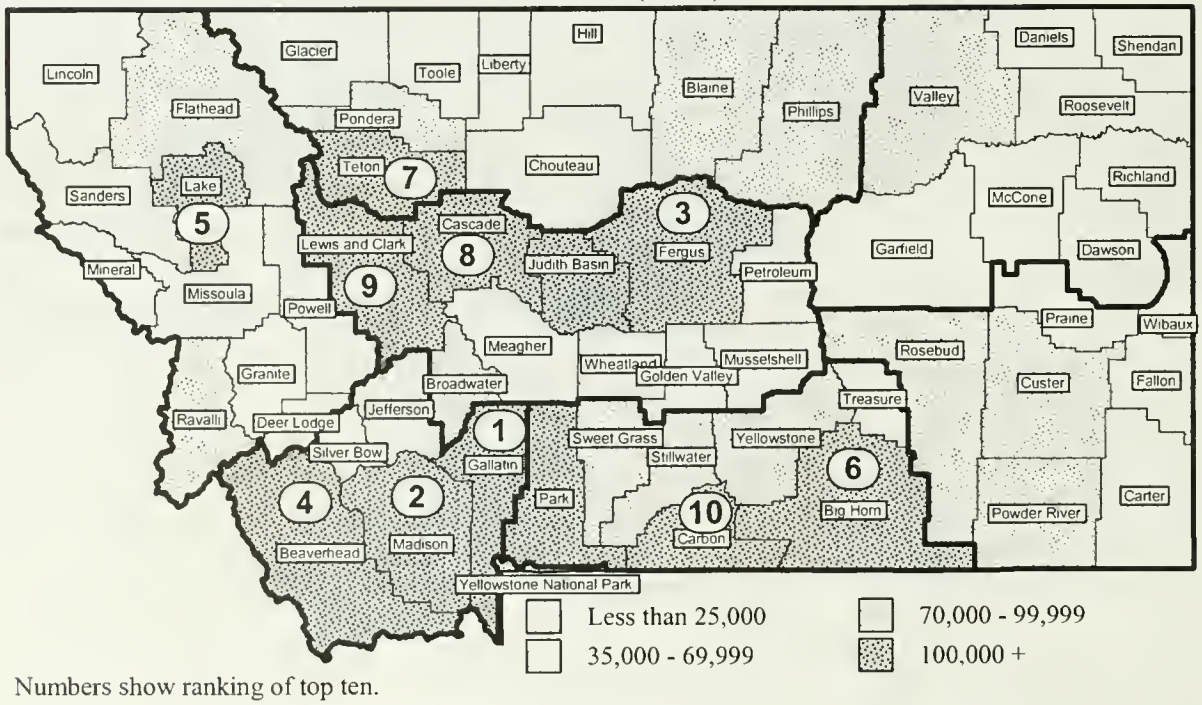
Numbers show ranking of top ten.

Oats - 1997
Production (Bu.)



Numbers show ranking of top ten.

Alfalfa - 1997
Production (Tons.)



Numbers show ranking of top ten.

ALL CROPS: Irrigated and Non-irrigated, Harvested Acres, 1996-97

County & District	IRRIGATED		NON-IRRIGATED	
	1996 Harvested Acres	1997 Harvested Acres	1996 Harvested Acres	1997 Harvested Acres
Deer Lodge	13,090	13,000	1,200	1,300
Flathead	31,800	28,500	40,000	41,300
Granite	30,600	29,900	1,600	1,800
Lake	67,840	64,300	27,000	25,200
Lincoln	6,200	6,800	5,000	4,500
Mineral	1,700	1,900	2,900	2,000
Missoula	19,700	18,400	8,700	7,700
Powell	52,620	53,030	7,000	6,900
Ravalli	44,250	44,770	4,800	3,600
Sanders	15,900	16,500	20,400	19,200
NORTHWEST	**283,700**	**277,100**	**118,600**	**113,500**
Blaine	61,050	57,150	274,400	247,000
Choutean	9,900	12,490	785,800	742,100
Glacier	28,430	36,620	278,300	275,600
Hill	3,830	6,120	581,400	563,200
Liberty	7,060	6,940	337,500	311,000
Phillips	43,705	53,805	229,400	224,800
Pondera	76,110	76,110	290,800	282,500
Teton	114,210	116,910	265,000	251,800
Toole	5,005	5,505	331,100	331,300
NORTH CENTRAL	**349,300**	**371,650**	**3,373,700**	**3,229,300**
Daniels	2,900	3,000	310,600	290,800
Dawson	20,375	22,080	251,800	223,100
Garfield	5,200	8,600	173,500	155,600
McCone	11,300	10,460	300,200	268,000
Richland	53,545	58,690	258,800	243,300
Roosevelt	15,010	20,190	407,400	394,000
Sheridan	7,100	6,900	347,900	352,400
Valley	47,710	47,110	380,600	350,700
NORTHEAST	**163,140**	**177,030**	**2,430,800**	**2,277,900**
Broadwater	50,990	50,070	36,000	37,600
Cascade	41,010	42,120	285,700	251,200
Fergus	15,500	13,200	422,600	404,100
Golden Valley	13,200	10,400	62,900	64,100
Judith Basin	12,600	9,500	226,000	195,400
Lewis & Clark	36,200	40,200	33,700	34,400
Meagher	50,200	51,600	32,700	34,100
Musselshell	11,200	10,400	66,100	62,700
Petroleum	15,800	16,600	30,500	26,,800
Wheatland	27,710	23,610	83,500	79,600
CENTRAL	**274,410**	**267,700**	**1,279,700**	**1,190,000**
Beaverhead	137,260	134,780	17,900	12,500
Gallatin	89,630	77,800	80,600	76,900
Jefferson	26,800	24,810	5,800	8,100
Madison	94,680	95,110	9,100	10,300
Silver Bow	8,700	8,100	2,000	1,500
SOUTHWEST	**357,070**	**340,600**	**115,400**	**109,300**
Big Horn	48,890	50,000	135,800	177,500
Carbon	70,960	67,120	34,600	36,100
Park	47,800	47,300	25,800	24,800
Stillwater	23,040	22,400	108,300	106,000
Sweetgrass	39,600	40,800	24,900	25,900
Treasure	22,830	20,710	11,600	14,000
Yellowstone	70,340	71,830	142,600	129,500
SOUTH CENTRAL	**323,460**	**320,160**	**483,600**	**513,800**
Carter	5,200	3,300	133,200	127,600
Custer	29,240	30,110	76,800	70,200
Fallon	3,200	3,800	130,800	127,200
Powder River	9,700	9,200	100,700	93,900
Prairie	17,330	17,330	71,200	64,200
Rosebud	30,950	30,920	94,900	95,300
Wibaux	2,300	1,500	83,600	76,800
SOUTHEAST	**97,920**	**96,160**	**691,200**	**655,200**
MONTANA	**1,849,000**	**1,850,400**	**8,493,000**	**8,089,000**

ALL WHEAT: Acreage, Yield, & Production, by Counties & Districts, 1996

COUNTY & DISTRICT	ALL					
	Planted Acres 1/	Net Planted Acres 2/	Harvested Acres	Yield Per Acre Bushels	Production	
					Bushels	Rank
Deer Lodge	1,400	1,400	1,400	50.0	70,000	51
Flathead	17,600	17,300	16,700	58.0	968,000	35
Lake	21,500	21,400	20,800	60.5	1,258,000	30
Mineral	700	700	700	47.1	33,000	52
Missoula	4,000	4,000	3,900	42.3	165,000	47
Powell	1,600	1,600	1,600	77.5	124,000	50
Ravalli	2,800	2,800	2,700	51.1	138,000	49
Sanders	3,300	3,300	3,100	47.4	147,000	48
Other	100	100	100	70.0	7,000	--
NORTHWEST	**53,000**	**52,600**	**51,000**	**57.1**	**2,910,000**	**--**
Blaine	251,800	247,200	243,300	23.1	5,623,000	11
Chouteau	673,700	653,800	642,600	31.1	19,983,000	1
Glacier	177,500	176,900	173,600	31.5	5,474,000	13
Hill	567,700	541,700	530,700	32.1	17,036,000	2
Liberty	317,000	314,900	303,000	30.4	9,210,000	3
Phillips	178,200	176,600	168,000	18.8	3,160,000	19
Pondera	233,500	224,100	218,400	37.3	8,138,000	4
Teton	213,600	206,900	203,500	38.7	7,876,000	6
Toole	271,000	269,700	261,500	29.2	7,648,000	8
Other	--	--	--	--	--	--
NORTH CENTRAL	**2,884,000**	**2,811,800**	**2,744,600**	**30.7**	**84,148,000**	**--**
Daniels	286,100	286,100	284,000	26.7	7,587,000	9
Dawson	204,600	201,800	198,900	27.8	5,527,000	12
Garfield	135,000	131,200	129,000	19.4	2,498,000	22
McCone	272,100	270,300	261,400	19.5	5,090,000	16
Richland	219,500	219,300	213,200	24.5	5,224,000	14
Roosevelt	376,900	376,500	360,200	21.7	7,802,000	7
Sheridan	327,900	326,500	303,400	24.3	7,369,000	10
Valley	359,900	359,500	357,400	22.3	7,983,000	5
Other	--	--	--	--	--	--
NORTHEAST	**2,182,000**	**2,171,200**	**2,107,500**	**23.3**	**49,080,000**	**--**
Broadwater	48,300	47,900	47,500	39.5	1,875,000	24
Cascade	178,600	177,300	174,700	29.3	5,126,000	15
Fergus	212,500	210,300	200,500	23.5	4,717,000	17
Golden valley	41,900	41,700	41,100	22.6	929,000	36
Judith Basin	104,500	100,300	97,200	24.4	2,367,000	23
Lewis & Clark	15,900	15,100	14,900	32.6	486,000	42
Meagher	12,600	12,400	12,000	32.3	388,000	43
Musselshell	42,200	42,200	41,200	26.6	1,094,000	33
Petroleum	20,400	18,600	18,200	26.8	487,000	41
Wheatland	52,700	52,600	52,200	17.8	930,000	35
Other	--	--	--	--	--	--
CENTRAL	**729,600**	**718,400**	**699,500**	**26.3**	**18,399,000**	**--**
Beaverhead	14,100	14,100	13,600	61.2	832,000	38
Gallatin	50,600	49,900	48,700	52.4	2,550,000	21
Jefferson	--	--	--	--	--	53
Madison	13,000	12,900	12,500	59.2	740,000	39
Other	2,900	2,900	2,800	37.5	105,000	--
SOUTHWEST	**80,600**	**79,800**	**77,600**	**54.5**	**4,227,000**	**--**
Big Horn	110,200	109,500	105,300	31.0	3,263,000	18
Carbon	17,400	17,400	16,700	30.6	511,000	40
Park	12,000	11,700	11,600	21.9	254,000	45
Stillwater	55,500	55,500	54,900	24.3	1,334,000	28
Sweet Grass	6,300	6,300	6,200	29.8	185,000	46
Treasure	8,700	8,500	8,100	44.9	364,000	44
Yellowstone	118,900	118,500	112,200	26.6	2,989,000	20
Other Counties	--	--	--	--	--	--
SOUTH CENTRAL	**329,000**	**327,400**	**315,000**	**28.3**	**8,900,000**	**--**
Carter	55,700	55,300	50,600	24.6	1,246,000	31
Custer	47,400	46,700	44,100	25.3	1,115,000	32
Fallon	64,600	63,600	61,800	23.7	1,467,000	26
Powder River	35,200	35,000	34,500	25.7	886,000	37
Prairie	53,500	53,300	52,900	27.4	1,450,000	27
Rosebud	66,300	65,800	64,800	28.4	1,841,000	25
Wibaux	59,100	59,100	56,100	23.0	1,291,000	29
Other Counties	--	--	--	--	--	--
SOUTHEAST	**381,800**	**378,800**	**364,800**	**25.5**	**9,296,000**	**--**
MONTANA	**6,640,000**	**6,540,000**	**6,360,000**	**27.8**	**176,960,000**	**--**

1/ Counties with less than 500 acres planted of one class of wheat are combined into "other" counties to avoid disclosure of individual information.
2/ Planted acres less winter wheat acres replanted to spring wheat

ALL WHEAT: Acreage, Yield, and Production, by Counties and Districts, 1996

COUNTY & DISTRICT	IRRIGATED				NON-IRRIGATED			
	Planted Acres 1/	Harvested Acres	Yield Per Acre Bu.	Production Bu	Planted Acres 1/	Harvested Acres	Yield Per Acre Bu	Production Bu
Deer Lodge	1,400	1,400	50.0	70,000	--	--	--	--
Flathead	8,000	7,700	64.3	495,000	9,600	9,000	52.6	473,000
Lake	13,700	13,100	73.8	967,000	7,800	7,700	37.8	291,000
Mineral	--	--	--	--	--	--	--	--
Missoula	1,500	1,500	59.3	89,000	2,500	2,400	31.7	76,000
Powell	--	--	--	--	--	--	--	--
Ravalli	1,500	1,500	68.0	102,000	1,300	1,200	30.0	36,000
Sanders	1,000	1,000	63.0	63,000	2,300	2,100	40.0	84,000
Other	1,400	1,400	88.6	124,000	1,000	1,000	40.0	40,000
NORTHWEST	**28,500**	**27,600**	**69.2**	**1,910,000**	**24,500**	**23,400**	**42.7**	**1,000,000**
Blaine	12,900	12,300	51.7	636,000	238,900	231,000	21.6	4,987,000
Chouteau	3,700	3,700	65.9	244,000	670,000	638,900	30.9	19,739,000
Glacier	5,600	5,200	40.2	209,000	171,900	168,400	31.3	5,265,000
Hill	900	900	60.0	54,000	566,800	529,800	32.1	16,982,000
Liberty	1,800	1,800	51.7	93,000	315,200	301,200	30.3	9,117,000
Phillips	5,600	5,600	52.3	293,000	172,600	162,400	17.7	2,867,000
Pondera	21,400	21,000	58.5	1,229,000	212,100	197,400	35.0	6,909,000
Teton	17,800	17,400	60.4	1,051,000	195,800	186,100	36.7	6,825,000
Toole	500	500	40.0	20,000	270,500	261,000	29.2	7,628,000
Other	--	--	--	--	--	--	--	--
N. CENTRAL	**70,200**	**68,400**	**56.0**	**3,829,000**	**2,813,800**	**2,676,200**	**30.0**	**80,319,000**
Daniels	--	--	--	--	--	--	--	--
Dawson	4,100	4,100	60.7	249,000	200,500	194,800	27.1	5,278,000
Garfield	--	--	--	--	--	--	--	--
McCone	4,700	4,300	36.5	157,000	267,400	257,100	19.2	4,933,000
Richland	18,400	18,200	63.2	1,150,000	201,100	195,000	20.9	4,074,000
Roosevelt	4,300	4,200	42.1	177,000	372,600	356,000	21.4	7,625,000
Sheridan	3,000	2,800	47.5	133,000	324,900	300,600	24.1	7,236,000
Valley	17,400	17,300	50.2	868,000	342,500	340,100	20.9	7,115,000
Other	800	800	57.5	46,000	420,300	412,200	24.4	10,039,000
NORTHEAST	**52,700**	**51,700**	**53.8**	**2,780,000**	**2,129,300**	**2,055,800**	**22.5**	**46,300,000**
Broadwater	18,100	17,800	64.2	1,143,000	30,200	29,700	24.6	732,000
Cascade	9,300	8,900	45.8	408,000	169,300	165,800	28.5	4,718,000
Fergus	1,300	1,100	59.1	65,000	211,200	199,400	23.3	4,652,000
Golden valley	2,000	1,900	47.9	91,000	39,900	39,200	21.4	838,000
Judith Basin	500	500	44.0	22,000	104,000	96,700	24.3	2,345,000
Lewis & Clark	2,500	2,500	52.8	132,000	13,400	12,400	28.5	354,000
Meagher	900	900	72.2	65,000	11,700	11,100	29.1	323,000
Musselshell	600	600	61.7	37,000	41,600	40,600	26.0	1,057,000
Petroleum	2,300	2,000	62.5	125,000	18,100	16,200	22.3	362,000
Wheatland	800	800	60.0	48,000	51,900	51,400	17.2	882,000
Other	--	--	--	--	--	--	--	--
CENTRAL	**38,300**	**37,000**	**57.7**	**2,136,000**	**691,300**	**662,500**	**24.5**	**16,263,000**
Beaverhead	8,400	8,200	84.9	696,000	5,700	5,400	25.2	136,000
Gallatin	16,700	16,300	73.3	1,194,000	33,900	32,400	41.9	1,356,000
Jefferson	--	--	--	--	--	--	--	--
Madison	8,400	8,200	76.7	629,000	4,600	4,300	25.8	111,000
Other	800	800	63.8	51,000	2,100	2,000	27.0	54,000
SOUTHWEST	**34,300**	**33,500**	**76.7**	**2,570,000**	**46,300**	**44,100**	**37.6**	**1,657,000**
Big Horn	13,800	12,900	60.8	784,000	96,400	92,400	26.8	2,479,000
Carbon	2,300	2,300	39.1	90,000	15,100	14,400	29.2	421,000
Park	2,500	2,200	42.7	94,000	9,500	9,400	17.0	160,000
Stillwater	1,400	1,300	53.1	69,000	54,100	53,600	23.6	1,265,000
Sweet Grass	1,000	1,000	42.0	42,000	5,300	5,200	27.5	143,000
Treasure	4,100	4,000	64.0	256,000	4,600	4,100	26.3	108,000
Yellowstone	6,900	6,700	66.4	445,000	112,000	105,500	24.1	254,000
Other	--	--	--	--	--	--	--	--
S. CENTRAL	**32,000**	**30,400**	**58.6**	**1,780,000**	**297,000**	**284,600**	**25.0**	**712,000**
Carter	--	--	--	--	55,700	50,600	24.6	1,246,000
Custer	5,300	5,100	57.8	295,000	42,100	39,000	21.0	820,000
Fallon	--	--	--	--	64,600	61,800	23.7	1,467,000
Powder River	1,000	1,000	61.0	61,000	34,200	33,500	24.6	825,000
Prairie	5,100	4,900	63.9	313,000	48,400	48,000	23.7	1,137,000
Rosebud	4,900	4,700	59.1	278,000	61,400	60,100	26.0	1,563,000
Wibaux	700	700	61.4	43,000	58,400	55,400	22.5	1,248,000
Other	--	--	--	--	--	--	--	--
SOUTHEAST	**17,000**	**16,400**	**60.4**	**990,000**	**364,800**	**348,400**	**23.8**	**8,306,000**
MONTANA	**273,000**	**265,000**	**60.4**	**15,995,000**	**6,367,000**	**6,095,000**	**26.4**	**160,965,000**

1/ Counties with less than 500 acres planted of one class of wheat are combined into "other" counties to avoid disclosure of individual information.

ALL WHEAT: Acreage, Yield, & Production, by Counties & Districts, 1997

COUNTY & DISTRICT	ALL					
	Planted Acres 1/	Net Planted Acres 2/	Harvested Acres	Yield Per Acre Bushels	Production	
					Bushels	Rank
Deer Lodge	--	--	--	--	--	53
Flathead	18,000	17,800	17,100	61.9	1,058,000	33
Granite	--	--	--	--	--	56
Lake	16,900	15,700	15,300	62.5	956,000	35
Lincoln	--	--	--	--	--	55
Mineral	700	700	700	54.3	38,000	52
Missoula	2,800	2,800	2,600	46.9	122,000	49
Powell	1,600	1,600	1,600	79.4	127,000	48
Ravalli	1,800	1,800	1,800	45.6	82,000	51
Sanders	2,700	2,600	2,400	50.4	121,000	50
Other	600	600	600	68.3	41,000	--
NORTHWEST	**45,100**	**43,600**	**42,100**	**60.5**	**2,545,000**	**--**
Blaine	223,000	217,000	210,800	30.2	6,373,000	11
Chouteau	632,300	615,300	602,100	37.4	22,505,000	1
Glacier	160,500	160,200	156,100	32.6	5,088,000	16
Hill	531,700	521,700	510,600	32.1	16,390,000	2
Liberty	287,000	286,500	279,300	28.1	7,852,000	5
Phillips	179,700	179,100	172,100	27.8	4,787,000	18
Pondera	214,600	208,000	203,100	38.1	7,731,000	6
Teton	189,500	186,200	181,600	42.2	7,657,000	7
Toole	256,200	253,400	247,300	28.1	6,959,000	10
Other	--	--	--	--	--	--
N. CENTRAL	**2,674,500**	**2,627,400**	**2,563,000**	**33.3**	**85,342,000**	**--**
Daniels	288,000	288,000	266,000	23.2	6,179,000	13
Dawson	187,700	183,400	177,600	24.7	4,392,000	19
Garfield	136,000	129,900	117,900	26.0	3,060,000	22
McCone	239,500	234,700	225,300	24.3	5,475,000	15
Richland	212,500	210,700	202,800	25.0	5,063,000	17
Roosevelt	365,500	365,000	351,100	24.1	8,470,000	3
Sheridan	321,800	321,700	312,000	23.5	7,339,000	8
Valley	339,000	338,500	330,300	25.1	8,282,000	4
Other	--	--	--	--	--	--
NORTHEAST	**2,090,000**	**2,071,900**	**1,983,000**	**24.3**	**48,260,000**	**--**
Broadwater	50,000	49,200	48,200	50.7	2,446,000	23
Cascade	149,700	146,700	141,000	44.8	6,311,000	12
Fergus	198,200	192,800	187,700	37.4	7,017,000	9
Golden Valley	44,200	43,200	42,200	33.4	1,411,000	28
Judith Basin	86,300	79,800	78,700	40.7	3,203,000	21
Lewis & Clark	17,500	17,500	17,000	38.6	656,000	39
Meagher	11,000	11,000	10,300	39.8	410,000	42
Musselshell	41,500	41,100	39,600	35.2	1,393,000	30
Petroleum	21,000	16,600	16,200	37.0	599,000	40
Wheatland	48,700	48,200	46,900	40.3	1,888,000	25
Other	--	--	--	--	--	--
CENTRAL	**668,100**	**646,100**	**627,800**	**40.4**	**25,334,000**	**--**
Beaverhead	11,700	11,700	11,500	66.3	762,000	38
Gallatin	42,100	41,300	40,100	56.2	2,255,000	24
Jefferson	--	--	--	--	--	47
Madison	7,900	7,900	7,600	62.0	471,000	41
Silver Bow	--	--	--	--	--	54
Other	3,800	3,300	3,300	56.4	186,000	--
SOUTHWEST	**65,500**	**64,200**	**62,500**	**58.8**	**3,674,000**	**--**
Big Horn	144,000	141,900	138,000	40.8	5,625,000	14
Carbon	12,800	12,800	12,200	33.4	408,000	43
Park	9,000	9,000	8,800	37.2	327,000	45
Stillwater	51,500	50,800	49,800	32.0	1,594,000	26
Sweetgrass	5,400	5,400	5,100	40.4	206,000	46
Treasure	8,300	8,300	7,800	50.3	392,000	44
Yellowstone	109,000	104,800	101,300	38.4	3,888,000	20
Other	--	--	--	--	--	--
S. CENTRAL	**340,000**	**333,000**	**323,000**	**38.5**	**12,440,000**	**--**
Carter	53,100	49,600	44,100	23.2	1,025,000	34
Custer	42,000	38,700	37,800	24.0	906,000	36
Fallon	62,300	59,900	58,300	24.1	1,406,000	29
Powder River	30,000	29,400	28,600	27.1	774,000	37
Prairie	49,000	47,900	46,600	27.3	1,272,000	31
Rosebud	67,500	65,900	63,200	23.8	1,502,000	27
Wibaux	52,900	52,400	50,000	23.0	1,150,000	32
Other	--	--	--	--	--	--
SOUTHEAST	**356,800**	**343,800**	**328,600**	**24.5**	**8,035,000**	**--**
MONTANA	**6,240,000**	**6,130,000**	**5,930,000**	**31.3**	**185,630,000**	**--**

1/ Counties with less than 500 acres planted of one class of wheat are combined into "other" counties to avoid disclosure of individual information.
2/ Planted acres less winter wheat acres replanted to spring wheat

ALL WHEAT: Acreage, Yield, and Production, by Counties and Districts, 1997

COUNTY & DISTRICT	IRRIGATED				NON-IRRIGATED			
	Planted Acres 1/	Harvested Acres	Yield Per Acre Bu.	Production Bu	Planted Acres 1/	Harvested Acres	Yield Per Acre Bu	Production Bu
Deer Lodge	--	--	--	--	--	--	--	--
Flathead	7,900	7,500	64.1	481,000	10,100	9,600	60.1	577,000
Granite	--	--	--	--	--	--	--	--
Lake	7,900	7,400	72.7	538,000	9,000	7,900	52.9	418,000
Lincoln	--	--	--	--	--	--	--	--
Mineral	--	--	--	--	--	--	--	--
Missoula	1,000	1,000	51.0	51,000	1,800	1,600	44.4	71,000
Powell	--	--	--	--	--	--	--	--
Ravalli	900	900	54.4	49,000	900	900	36.7	33,000
Sanders	1,200	1,100	60.0	66,000	1,500	1,300	42.3	55,000
Other	2,200	2,200	77.3	170,000	700	700	51.4	36,000
NORTHWEST	**21,100**	**20,100**	**67.4**	**1,355,000**	**24,000**	**22,000**	**54.1**	**1,190,000**
Blaine	12,200	12,000	62.9	755,000	210,800	198,800	28.3	5,618,000
Chouteau	6,900	6,900	67.1	463,000	625,400	595,200	37.0	22,042,000
Glacier	6,800	6,700	48.4	324,000	153,700	149,400	31.9	4,764,000
Hill	1,200	1,200	60.8	73,000	530,500	509,400	32.0	16,317,000
Liberty	1,700	1,700	56.5	96,000	285,300	277,600	27.9	7,756,000
Phillips	5,800	5,700	56.0	319,000	173,900	166,400	26.9	4,468,000
Pondera	21,500	20,500	58.6	1,202,000	193,100	182,600	35.8	6,529,000
Teton	14,900	14,300	66.0	944,000	174,600	167,300	40.1	6,713,000
Toole	1,000	1,000	61.0	61,000	255,200	246,300	28.0	6,898,000
Other	--	--	--	--	--	--	--	--
N. CENTRAL	**72,000**	**70,000**	**60.5**	**4,237,000**	**2,602,500**	**2,493,000**	**32.5**	**81,105,000**
Daniels	800	800	56.3	45,000	287,200	265,200	23.1	6,134,000
Dawson	4,000	3,900	49.5	193,000	183,700	173,700	24.2	4,199,000
Garfield	1,600	1,500	53.3	80,000	134,400	116,400	25.6	2,980,000
McCone	4,800	4,400	41.4	182,000	234,700	220,900	24.0	5,293,000
Richland	21,800	21,600	57.0	1,232,000	190,700	181,200	21.1	3,831,000
Roosevelt	8,200	8,000	53.9	431,000	357,300	343,100	23.4	8,039,000
Sheridan	2,800	2,700	56.3	152,000	319,000	309,300	23.2	7,187,000
Valley	18,700	18,200	46.7	850,000	320,300	312,100	23.8	7,432,000
Other	--	--	--	--	--	--	--	--
NORTHEAST	**62,700**	**61,100**	**51.8**	**3,165,000**	**2,027,300**	**1,921,900**	**23.5**	**45,095,000**
Broadwater	17,700	17,500	71.9	1,258,000	32,300	30,700	38.7	1,188,000
Cascade	7,300	7,000	59.9	419,000	142,400	134,000	44.0	5,892,000
Fergus	800	800	61.3	49,000	197,400	186,900	37.3	6,968,000
Golden Valley	1,500	1,500	57.3	86,000	42,700	40,700	32.6	1,325,000
Judith Basin	900	900	65.6	59,000	85,400	77,800	40.4	3,144,000
Lewis & Clark	4,000	4,000	62.3	249,000	13,500	13,000	31.3	407,000
Meagher	900	900	70.0	63,000	10,100	9,400	36.9	347,000
Musselshell	600	500	62.0	31,000	40,900	39,100	34.8	1,362,000
Petroleum	1,600	1,500	67.3	101,000	19,400	14,700	33.9	498,000
Wheatland	700	700	64.3	45,000	48,000	46,200	39.9	1,843,000
Other	--	--	--	--	--	--	--	--
CENTRAL	**36,000**	**35,300**	**66.9**	**2,360,000**	**632,100**	**592,500**	**38.8**	**22,974,000**
Beaverhead	6,900	6,800	80.3	546,000	4,800	4,700	46.0	216,000
Gallatin	11,900	11,200	65.5	734,000	30,200	28,900	52.6	1,521,000
Jefferson	--	--	--	--	--	--	--	--
Madison	4,500	4,300	79.1	340,000	3,400	3,300	39.7	131,000
Silver Bow	--	--	--	--	--	--	--	--
Other	900	900	75.6	68,000	2,900	2,400	49.2	118,000
SOUTHWEST	**24,200**	**23,200**	**72.8**	**1,688,000**	**41,300**	**39,300**	**50.5**	**1,986,000**
Big Horn	15,900	15,500	69.6	1,079,000	128,100	122,500	37.1	4,546,000
Carbon	1,000	1,000	65.0	65,000	11,800	11,200	30.6	343,000
Park	1,700	1,700	57.6	98,000	7,300	7,100	32.3	229,000
Stillwater	1,100	1,100	55.5	61,000	50,400	48,700	31.5	1,533,000
Sweetgrass	900	900	48.9	44,000	4,500	4,200	38.6	162,000
Treasure	3,700	3,300	77.6	256,000	4,600	4,500	30.2	136,000
Yellowstone	6,700	6,400	66.7	427,000	102,300	94,900	36.5	3,461,000
Other	--	--	--	--	--	--	--	--
S. CENTRAL	**31,000**	**29,900**	**67.9**	**2,030,000**	**309,000**	**293,100**	**35.5**	**10,410,000**
Carter	--	--	--	--	53,100	44,100	23.2	1,025,000
Custer	4,100	4,000	54.5	218,000	37,900	33,800	20.4	688,000
Fallon	--	--	--	--	--	--	--	--
Powder River	500	500	50.0	25,000	29,500	28,100	26.7	749,000
Prairie	4,900	4,600	56.5	260,000	44,100	42,000	24.1	1,012,000
Rosebud	5,000	4,900	41.2	202,000	62,500	58,300	22.3	1,300,000
Wibaux	--	--	--	--	--	--	--	--
Other	500	400	50.0	20,000	114,700	107,900	23.5	2,536,000
SOUTHEAST	**15,000**	**14,400**	**50.3**	**725,000**	**341,800**	**314,200**	**23.3**	**7,310,000**
MONTANA	**262,000**	**254,000**	**61.3**	**15,560,000**	**5,978,000**	**5,676,000**	**30.0**	**170,070,000**

1/ Counties with less than 500 acres planted of one class of wheat are combined into "other" counties to avoid disclosure of individual information

WINTER WHEAT: Acreage, Yield, and Production, by Counties and Districts, 1996

COUNTY & DISTRICT	ALL					
	Planted Acres 1/	Net Planted Acres 2/	Harvested Acres	Yield Per Acre Bu.	Production	
					Bushels	Rank
Deer Lodge	--	--	--	--	--	--
Flathead	4,200	3,900	3,800	59	223,000	34
Granite	--	--	--	--	--	--
Lake	9,200	9,100	8,900	59	522,000	24
Lincoln	--	--	--	--	--	--
Mineral	--	--	--	--	--	--
Missoula	1,800	1,800	1,700	43	73,000	46
Powell	--	--	--	--	--	--
Ravalli	900	900	800	40	32,000	48
Sanders	1,300	1,300	1,200	63	76,000	45
Other	600	600	600	57	34,000	--
NORTHWEST	**18,000**	**17,600**	**17,000**	**56**	**960,000**	**--**
Blaine	48,000	43,400	41,500	25	1,051,000	13
Chouteau	409,000	389,100	383,000	36	13,706,000	1
Glacier	16,000	15,400	15,100	39	588,000	22
Hill	270,000	244,000	239,000	35	8,332,000	2
Liberty	140,000	137,900	129,000	30	3,890,000	4
Phillips	11,000	9,400	8,800	23	205,000	35
Pondera	89,000	79,600	76,000	40	3,052,000	7
Teton	111,000	104,300	102,000	43	4,404,000	3
Toole	71,000	69,700	65,600	25	1,672,000	10
Other	--	--	--	--	--	--
N. CENTRAL	**1,165,000**	**1,092,800**	**1,060,000**	**35**	**36,900,000**	**--**
Daniels	--	--	--	--	--	--
Dawson	33,000	30,200	29,300	25	735,000	17
Garfield	35,000	31,200	30,000	22	669,000	19
McCone	56,000	54,200	48,300	20	985,000	15
Richland	19,500	19,300	19,200	19	363,000	28
Roosevelt	12,700	12,300	11,900	22	262,000	33
Sheridan	7,000	5,600	5,000	18	89,000	44
Valley	6,800	6,400	6,300	31	197,000	36
Other	--	--	--	--	--	--
NORTHEAST	**170,000**	**159,200**	**150,000**	**22**	**3,300,000**	**--**
Broadwater	9,500	9,100	9,000	31	278,000	31
Cascade	110,000	108,700	107,000	34	3,608,000	5
Fergus	132,000	129,800	122,000	27	3,325,000	6
Golden Valley	24,000	23,800	23,400	24	559,000	23
Judith Basin	62,500	58,300	55,600	27	1,489,000	11
Lewis & Clark	4,500	3,700	3,600	38	137,000	37
Meagher	9,000	8,800	8,400	32	266,000	32
Musselshell	22,500	22,500	22,200	33	722,000	18
Petroleum	6,500	4,700	4,500	29	130,000	40
Wheatland	14,500	14,400	14,300	20	286,000	29
Other	--	--	--	--	--	--
CENTRAL	**395,000**	**383,800**	**370,000**	**29**	**10,800,000**	**--**
Beaverhead	4,300	4,300	4,000	33	131,000	39
Gallatin	28,300	27,600	27,000	49	1,316,000	12
Jefferson	--	--	--	--	--	--
Madison	2,800	2,700	2,500	36	91,000	43
Silver Bow	--	--	--	--	--	--
Other	1,600	1,600	1,500	41	62,000	--
SOUTHWEST	**37,000**	**36,200**	**35,000**	**46**	**1,600,000**	
Big Horn	85,000	84,300	82,000	31	2,506,000	8
Carbon	12,300	12,300	11,900	32	382,000	27
Park	6,600	6,300	6,300	20	126,000	41
Stillwater	38,000	38,000	37,700	27	1,031,000	14
Sweetgrass	3,200	3,200	3,200	33	104,000	42
Treasure	3,900	3,700	3,400	39	134,000	38
Yellowstone	86,000	85,600	80,500	28	2,217,000	9
Other	--	--	--	--	--	--
S. CENTRAL	**235,000**	**233,400**	**225,000**	**29**	**6,500,000**	**--**
Carter	23,300	22,900	20,900	29	607,000	20
Custer	23,200	22,500	22,300	23	508,000	25
Fallon	12,400	11,400	10,300	28	285,000	30
Powder River	13,300	13,100	12,900	30	382,000	26
Prairie	24,500	24,300	24,100	25	594,000	21
Rosebud	32,600	32,100	31,800	29	911,000	16
Wibaux	700	700	700	19	13,000	51
Other	--	--	--	--	--	--
SOUTHEAST	**130,000**	**127,000**	**123,000**	**27**	**3,300,000**	**--**
MONTANA	**2,150,000**	**2,050,000**	**1,980,000**	**32**	**63,360,000**	**--**

1/ Counties with less than 500 acres planted are combined into "other" counties to avoid disclosure of individual information.
2/ Planted acres less winter wheat replanted to spring wheat

WINTER WHEAT: Acreage, Yield, & Production, by Counties & Districts, 1996

COUNTY & DISTRICT	IRRIGATED				NON-IRRIGATED			
	Planted Acres 1/	Harvested Acres	Yield Per Acre Bu.	Production Bu.	Planted Acres 1/	Harvested Acres	Yield Per Acre Bu	Production Bu
Deer Lodge	--	--	--	--	--	--	--	--
Flathead	1,000	900	63	57,000	3,200	2,900	57	166,000
Granite	--	--	--	--	--	--	--	--
Lake	4,400	4,100	79	322,000	4,800	4,800	42	200,000
Lincoln	--	--	--	--	--	--	--	--
Mineral	--	--	--	--	--	--	--	--
Missoula	--	--	--	--	--	--	--	--
Powell	--	--	--	--	--	--	--	--
Ravalli	--	--	--	--	--	--	--	--
Sanders	--	--	--	--	--	--	--	--
Other	1,100	1,100	74	81,000	3,500	3,200	42	134,000
NORTHWEST	**6,500**	**6,100**	**75**	**460,000**	**11,500**	**10,900**	**46**	**500,000**
Blaine	1,200	800	41	33,000	46,800	40,700	25	1,018,000
Chouteau	--	--	--	--	--	--	--	--
Glacier	--	--	--	--	--	--	--	--
Hill	500	500	64	32,000	269,500	238,500	35	8,300,000
Liberty	600	600	50	30,000	139,400	128,400	30	3,860,000
Phillips	600	600	67	40,000	10,400	8,200	20	165,000
Pondera	3,500	3,300	63	207,000	85,500	72,700	39	2,845,000
Teton	3,000	2,800	74	208,000	108,000	99,200	42	4,196,000
Toole	--	--	--	--	71,000	65,600	25	1,672,000
Other	600	600	58	35,000	424,400	397,500	36	14,259,000
N. CENTRAL	**10,000**	**9,200**	**64**	**585,000**	**1,155,000**	**1,050,800**	**35**	**36,315,000**
Daniels	--	--	--	--	--	--	--	--
Dawson	--	--	--	--	--	--	--	--
Garfield	--	--	--	--	35,000	30,000	22	669,000
McCone	--	--	--	--	56,000	48,300	20	985,000
Richland	--	--	--	--	--	--	--	--
Roosevelt	--	--	--	--	12,700	11,900	22	262,000
Sheridan	--	--	--	--	7,000	5,000	18	89,000
Valley	--	--	--	--	--	--	--	--
Other	500	500	40	20,000	58,800	54,300	23	1,275,000
NORTHEAST	**500**	**500**	**40**	**20,000**	**169,500**	**149,500**	**22**	**3,280,000**
Broadwater	800	700	47	33,000	8,700	8,300	30	245,000
Cascade	2,200	1,900	57	108,000	107,800	105,100	33	3,500,000
Fergus	--	--	--	--	--	--	--	--
Golden Valley	600	500	40	20,000	23,400	22,900	24	539,000
Judith Basin	--	--	--	--	--	--	--	--
Lewis & Clark	--	--	--	--	--	--	--	--
Meagher	--	--	--	--	--	--	--	--
Musselshell	--	--	--	--	--	--	--	--
Petroleum	700	400	40	16,000	5,800	4,100	28	114,000
Wheatland	--	--	--	--	14,500	14,300	20	286,000
Other	700	700	54	38,000	229,800	211,100	28	5,901,000
CENTRAL	**5,000**	**4,200**	**51**	**215,000**	**390,000**	**365,800**	**29**	**10,585,000**
Beaverhead	600	500	60	30,000	3,700	3,500	29	101,000
Gallatin	2,700	2,600	80	207,000	25,600	24,400	45	1,109,000
Jefferson	--	--	--	--	--	--	--	--
Madison	--	--	--	--	--	--	--	--
Silver Bow	--	--	--	--	--	--	--	--
Other	700	600	72	43,000	3,700	3,400	32	110,000
SOUTHWEST	**4,000**	**3,700**	**76**	**280,000**	**33,000**	**31,300**	**42**	**1,320,000**
Big Horn	4,800	4,500	63	284,000	80,200	77,500	29	2,222,000
Carbon	600	600	40	24,000	11,700	11,300	32	358,000
Park	900	700	40	28,000	5,700	5,600	18	98,000
Stillwater	600	600	67	40,000	37,400	37,100	27	991,000
Sweetgrass	--	--	--	--	--	--	--	--
Treasure	--	--	--	--	--	--	--	--
Yellowstone	2,500	2,400	72	173,000	83,500	78,100	26	2,044,000
Other	600	600	85	51,000	6,500	6,000	31	187,000
S. CENTRAL	**10,000**	**9,400**	**64**	**600,000**	**225,000**	**215,600**	**27**	**5,900,000**
Carter	--	--	--	--	23,300	20,900	29	607,000
Custer	--	--	--	--	--	--	--	--
Fallon	--	--	--	--	12,400	10,300	28	285,000
Powder River	--	--	--	--	13,300	12,900	30	382,000
Prairie	--	--	--	--	--	--	--	--
Rosebud	1,200	1,100	52	57,000	31,400	30,700	28	854,000
Wibaux	--	--	--	--	700	700	19	13,000
Other	800	800	54	43,000	46,900	45,600	23	1,059,000
SOUTHEAST	**2,000**	**1,900**	**53**	**100,000**	**128,000**	**121,100**	**26**	**3,200,000**
MONTANA	**38,000**	**35,000**	**65**	**2,260,000**	**2,112,000**	**1,945,000**	**31**	**61,100,00**

1/ Counties with less than 500 acres planted are combined into "other" counties to avoid disclosure of individual information

WINTER WHEAT: Acreage, Yield, and Production, by Counties and Districts, 1997

COUNTY & DISTRICT	ALL					
	Planted Acres 1/	Net Planted Acres 2/	Harvested Acres	Yield Per Acre Bu.	Production	
					Bushels	Rank
Deer Lodge	--	--	--	--	--	54
Flathead	4,000	3,800	3,700	57	210,000	35
Granite	--	--	--	--	--	55
Lake	7,400	6,200	6,100	58	353,000	22
Lincoln	--	--	--	--	--	53
Mineral	500	500	500	50	25,000	50
Missoula	1,100	1,100	900	54	49,000	46
Powell	--	--	--	--	--	56
Ravalli	800	800	800	43	34,000	48
Sanders	1,200	1,100	1,000	49	49,000	45
Other	--	--	--	--	--	--
NORTHWEST	**15,000**	**13,500**	**13,000**	**55**	**720,000**	**--**
Blaine	29,000	23,000	21,8010	31	686,000	14
Chouteau	334,000	317,000	310,800	41	12,691,000	1
Glacier	5,000	4,700	4,500	30	137,000	38
Hill	130,000	120,000	119,000	37	4,364,000	4
Liberty	72,000	71,500	69,300	35	2,419,000	9
Phillips	8,000	7,400	7,300	32	230,000	33
Pondera	69,000	62,400	60,900	42	2,574,000	8
Teton	94,000	90,700	88,600	44	3,870,000	6
Toole	14,000	11,200	10,800	30	319,000	24
Other	--	--	--	--	--	--
N. CENTRAL	**755,000**	**707,900**	**693,000**	**39**	**27,290,000**	**--**
Daniels	1,000	1,000	1,000	21	21,000	51
Dawson	15,000	10,700	9,800	24	236,000	30
Garfield	21,000	14,900	14,000	28	397,000	21
McCone	25,000	20,200	19,800	29	578,000	18
Richland	13,000	11,200	11,000	21	231,000	32
Roosevelt	16,000	15,500	14,900	29	435,000	19
Sheridan	4,000	3,900	3,600	20	72,000	44
Valley	15,000	14,500	13,900	30	420,000	20
Other	--	--	--	--	--	--
NORTHEAST	**110,000**	**91,900**	**88,000**	**27**	**2,390,000**	**--**
Broadwater	6,000	5,200	5,000	45	223,000	34
Cascade	94,000	91,000	87,800	51	4,459,000	3
Fergus	121,000	115,600	112,800	40	4,534,000	2
Golden Valley	24,000	23,000	22,600	34	760,000	13
Judith Basin	51,000	44,500	44,200	45	1,983,000	10
Lewis & Clark	2,500	2,500	2,300	34	78,000	43
Meagher	7,000	7,000	6,400	40	259,000	29
Musselshell	18,500	18,100	17,300	37	644,000	16
Petroleum	7,000	2,600	2,600	33	87,000	41
Wheatland	19,000	18,500	18,000	36	653,000	15
Other	--	--	--	--	--	--
CENTRAL	**350,000**	**328,000**	**319,000**	**43**	**13,680,000**	**--**
Beaverhead	3,500	3,500	3,400	56	190,000	36
Gallatin	23,800	23,000	22,500	54	1,218,000	11
Jefferson	--	--	--	--	--	49
Madison	1,400	1,400	1,300	61	79,000	42
Silver Bow	--	--	--	--	--	52
Other	1,300	800	800	54	43,000	--
SOUTHWEST	**30,000**	**28,700**	**28,000**	**55**	**1,530,000**	**--**
Big Horn	108,000	105,900	102,700	40	4,076,000	5
Carbon	10,000	10,000	9,400	33	313,000	25
Park	4,500	4,500	4,300	32	139,000	37
Stillwater	36,000	35,300	34,700	32	1,121,000	12
Sweetgrass	2,500	2,500	2,400	39	94,000	40
Treasure	3,000	3,000	2,900	42	121,000	39
Yellowstone	76,000	71,800	70,600	41	2,926,000	7
Other	--	--	--	--	--	--
S. CENTRAL	**240,000**	**233,000**	**227,000**	**39**	**8,790,000**	**--**
Carter	16,000	12,500	11,000	27	292,000	28
Custer	20,000	16,700	16,300	21	338,000	23
Fallon	12,500	10,100	9,400	25	233,000	31
Powder River	12,000	11,400	10,800	28	305,000	26
Prairie	15,000	13,900	13,200	23	303,000	27
Rosebud	21,500	19,900	19,400	33	643,000	17
Wibaux	3,000	2,500	1,900	19	36,000	47
Other	--	--	--	--	--	--
SOUTHEAST	**100,000**	**87,000**	**82,000**	**26**	**2,150,000**	**--**
MONTANA	**1,600,000**	**1,490,000**	**1,450,000**	**39**	**56,550,000**	**--**

1/ Counties with less than 500 acres planted are combined into "other" counties to avoid disclosure of individual information.
2/ Planted acres less winter wheat replanted to spring wheat.

WINTER WHEAT: Acreage, Yield, & Production, by Counties & Districts, 1997

COUNTY & DISTRICT	IRRIGATED				NON-IRRIGATED			
	Planted Acres 1/	Harvested Acres	Yield Per Acre Bu.	Production Bu	Planted Acres 1/	Harvested Acres	Yield Per Acre Bu	Production Bu
Deer Lodge	--	--	--	--	--	--	--	--
Flathead	1,200	1,100	62	68,000	2,800	2,600	55	142,000
Granite	--	--	--	--	--	--	--	--
Lake	2,800	2,500	74	184,000	4,600	3,600	47	169,000
Lincoln	--	--	--	--	--	--	--	--
Mineral	--	--	--	--	--	--	--	--
Missoula	--	--	--	--	--	--	--	--
Powell	--	--	--	--	--	--	--	--
Ravalli	--	--	--	--	--	--	--	--
Sanders	500	400	60	24,000	700	600	42	25,000
Other	500	500	68	34,000	1,900	1,700	44	74,000
NORTHWEST	**5,000**	**4,500**	**69**	**310,000**	**10,000**	**8,500**	**48**	**410,000**
Blaine	600	600	50	30,000	28,400	21,200	31	656,000
Chouteau	--	--	--	--	--	--	--	--
Glacier	--	--	--	--	--	--	--	--
Hill	--	--	--	--	--	--	--	--
Liberty	--	--	--	--	--	--	--	--
Phillips	--	--	--	--	--	--	--	--
Pondera	3,700	2,900	44	127,000	65,300	58,000	42	2,447,000
Teton	3,000	2,800	53	149,000	91,000	85,800	43	3,721,000
Toole	--	--	--	--	14,000	10,800	30	319,000
Other	1,700	1,700	44	74,000	547,300	509,200	39	19,767,000
N. CENTRAL	**9,000**	**8,000**	**48**	**380,000**	**746,000**	**685,000**	**39**	**26,910,000**
Daniels	--	--	--	--	1,000	1,000	21	21,000
Dawson	--	--	--	--	--	--	--	--
Garfield	--	--	--	--	--	--	--	--
McCone	--	--	--	--	--	--	--	--
Richland	600	600	38	23,000	12,400	10,400	20	208,000
Roosevelt	--	--	--	--	--	--	--	--
Sheridan	--	--	--	--	4,000	3,600	20	72,000
Valley	500	500	40	20,000	14,500	13,400	30	400,000
Other	900	800	40	32,000	76,100	57,700	28	1,614,000
NORTHEAST	**2,000**	**1,900**	**39**	**75,000**	**108,000**	**86,100**	**27**	**2,315,000**
Broadwater	--	--	--	--	--	--	--	--
Cascade	2,100	1,900	58	111,000	91,900	85,900	51	4,348,000
Fergus	--	--	--	--	--	--	--	--
Golden Valley	500	500	74	37,000	23,500	22,100	33	723,000
Judith Basin	500	500	70	35,000	50,500	43,700	45	1,948,000
Lewis & Clark	--	--	--	--	2,500	2,300	34	78,000
Meagher	--	--	--	--	--	--	--	--
Musselshell	--	--	--	--	--	--	--	--
Petroleum	--	--	--	--	--	--	--	--
Wheatland	--	--	--	--	--	--	--	--
Other	900	900	63	57,000	177,600	161,200	39	6,343,000
CENTRAL	**4,000**	**3,800**	**63**	**240,000**	**346,000**	**315,200**	**43**	**13,440,000**
Beaverhead	--	--	--	--	--	--	--	--
Gallatin	2,200	1,800	74	133,000	21,600	20,700	52	1,085,000
Jefferson	--	--	--	--	--	--	--	--
Madison	--	--	--	--	--	--	--	--
Silver Bow	--	--	--	--	--	--	--	--
Other	800	700	81	57,000	5,400	4,800	53	255,000
SOUTHWEST	**3,000**	**2,500**	**76**	**190,000**	**27,000**	**25,500**	**53**	**1,340,000**
Big Horn	6,700	6,400	66	420,000	101,300	96,300	38	3,656,000
Carbon	--	--	--	--	--	--	--	--
Park	500	500	68	34,000	4,000	3,800	28	105,000
Stillwater	--	--	--	--	--	--	--	--
Sweetgrass	--	--	--	--	2,500	2,400	39	94,000
Treasure	--	--	--	--	--	--	--	--
Yellowstone	3,800	3,500	68	239,000	72,200	67,100	40	2,687,000
Other	1,000	1,000	67	67,000	48,000	46,000	32	1,488,000
S. CENTRAL	**12,000**	**11,400**	**67**	**760,000**	**228,000**	**215,600**	**37**	**8,030,000**
Carter	--	--	--	--	16,000	11,000	27	292,000
Custer	--	--	--	--	--	--	--	--
Fallon	--	--	--	--	--	--	--	--
Powder River	--	--	--	--	--	--	--	--
Prairie	--	--	--	--	--	--	--	--
Rosebud	--	--	--	--	--	--	--	--
Wibaux	--	--	--	--	3,000	1,900	19	36,000
Other	1,000	900	50	45,000	80,000	68,200	26	1,777,000
SOUTHEAST	**1,000**	**900**	**50**	**45,000**	**99,000**	**81,100**	**26**	**2,105,000**
MONTANA	**36,000**	**33,000**	**61**	**2,000,000**	**1,564,000**	**1,417,000**	**38**	**54,550,000**

1/ Counties with less than 500 acres planted are combined into "other" counties to avoid disclosure of individual information.

OTHER SPRING WHEAT: Acreage, Yield, and Production by Counties and Districts, 1996

COUNTY & DISTRICT	ALL				
	Planted Acres 1/	Harvested Acres	Yield Per Acre Bu.	Production	
				Bushels	Rank
Deer Lodge	1,400	1,400	50	70,000	51
Flathead	13,400	12,900	58	745,000	29
Granite	--	--	--	--	--
Lake	12,300	11,900	62	736,000	30
Lincoln	--	--	--	--	--
Mineral	500	500	46	23,000	53
Missoula	2,200	2,200	42	92,000	48
Powell	1,200	1,200	83	100,000	47
Ravalli	1,900	1,900	56	106,000	46
Sanders	2,000	1,900	37	71,000	50
Other	100	100	70	7,000	--
NORTHWEST	**35,000**	**34,000**	**57**	**1,950,000**	**--**
Blaine	202,000	200,000	23	4,534,000	12
Chouteau	260,000	255,000	24	6,127,000	5
Glacier	160,000	157,000	31	4,838,000	9
Hill	296,000	290,000	30	8,643,000	1
Liberty	175,000	172,000	31	5,273,000	7
Phillips	166,000	158,000	19	2,933,000	15
Pondera	138,000	136,000	36	4,838,000	8
Teton	94,000	93,000	34	3,159,000	14
Toole	199,000	195,000	31	5,955,000	6
Other	--	--	--	--	--
N. CENTRAL	**1,690,000**	**1,656,000**	**28**	**46,300,000**	**--**
Daniels	263,000	261,000	27	6,920,000	4
Dawson	169,000	167,000	28	4,730,000	11
Garfield	100,000	99,000	18	1,829,000	17
McCone	215,000	212,000	19	4,081,000	13
Richland	196,000	190,000	25	4,768,000	10
Roosevelt	338,000	323,000	22	7,032,000	3
Sheridan	132,000	118,000	25	2,932,000	16
Valley	352,000	350,000	22	7,758,000	2
Other	--	--	--	--	--
NORTHEAST	**1,765,000**	**1,720,000**	**23**	**40,050,000**	**--**
Broadwater	38,800	38,500	41	1,597,000	18
Cascade	66,700	65,800	22	1,472,000	19
Fergus	80,500	78,500	18	1,392,000	20
Golden Valley	17,600	17,400	21	364,000	38
Judith Basin	42,000	41,600	21	878,000	25
Lewis & Clark	11,200	11,100	31	343,000	40
Meagher	3,600	3,600	34	122,000	45
Musselshell	19,700	19,000	20	372,000	37
Petroleum	13,900	13,700	26	357,000	39
Wheatland	32,000	31,800	16	503,000	35
Other	--	--	--	--	--
CENTRAL	**326,000**	**321,000**	**23**	**7,400,000**	**--**
Beaverhead	9,600	9,400	74	696,000	31
Gallatin	22,100	21,500	57	1,219,000	22
Jefferson	1,300	1,300	33	43,000	52
Madison	10,000	9,800	66	642,000	32
Silver Bow	--	--	--	--	--
Other	--	--	--	--	--
SOUTHWEST	**43,000**	**42,000**	**62**	**2,600,000**	**--**
Big Horn	25,200	23,300	32	757,000	28
Carbon	5,100	4,800	27	129,000	43
Park	5,400	5,300	24	128,000	44
Stillwater	17,500	17,200	18	303,000	41
Sweetgrass	3,100	3,000	27	81,000	49
Treasure	4,800	4,700	49	230,000	42
Yellowstone	32,900	31,700	24	772,000	27
Other	--	--	--	--	--
S. CENTRAL	**94,000**	**90,000**	**27**	**2,400,000**	**--**
Carter	31,500	28,800	22	624,000	33
Custer	24,000	21,600	28	603,000	34
Fallon	51,500	50,800	23	1,166,000	23
Powder River	21,800	21,500	23	502,000	36
Prairie	29,000	28,800	30	856,000	26
Rosebud	33,700	33,000	28	930,000	24
Wibaux	55,500	52,500	23	1,219,000	21
Other	--	--	--	--	--
SOUTHEAST	**247,000**	**237,000**	**25**	**5,900,000**	**---**
MONTANA	**4,200,000**	**4,100,000**	**26**	**106,600,000**	**---**

1/ Counties with less than 500 acres planted are combined into "other" counties to avoid disclosure of individual information.

OTHER SPRING WHEAT: Acreage, Yield, & Production, by Counties & Districts, 1996

COUNTY & DISTRICT	IRRIGATED				NON-IRRIGATED			
	Planted Acres 1/	Harvested Acres	Yield Per Acre Bu.	Production Bu.	Planted Acres 1/	Harvested Acres	Yield Per Acre Bu	Production Bu
Deer Lodge	1,400	1,400	50	70,000	--	--	--	--
Flathead	7,000	6,800	64	438,000	6,400	6,100	50	307,000
Granite	--	--	--	--	--	--	--	--
Lake	9,300	9,000	72	645,000	3,000	2,900	31	91,000
Lincoln	--	--	--	--	--	--	--	--
Mineral	--	--	--	--	--	--	--	--
Missoula	1,100	1,100	55	60,000	1,100	1,100	29	32,000
Powell	--	--	--	--	--	--	--	--
Ravalli	1,400	1,400	69	96,000	500	500	20	10,000
Sanders	600	600	53	32,000	1,400	1,300	30	39,000
Other	1,200	1,200	91	109,000	600	600	35	21,000
NORTHWEST	**22,000**	**21,500**	**67**	**1,450,000**	**13,000**	**12,500**	**40**	**500,000**
Blaine	11,600	11,400	53	599,000	190,400	188,600	21	3,935,000
Chouteau	3,000	3,000	67	202,000	257,000	252,000	24	5,925,000
Glacier	5,400	5,000	40	200,000	154,600	152,000	31	4,638,000
Hill	--	--	--	--	--	--	--	--
Liberty	1,200	1,200	53	63,000	173,800	170,800	31	5,210,000
Phillips	5,000	5,000	51	253,000	161,000	153,000	18	2,680,000
Pondera	15,900	15,700	58	906,000	122,100	120,300	33	3,932,000
Teton	14,000	13,800	59	815,000	80,000	79,200	30	2,344,000
Toole	--	--	--	--	--	--	--	--
Other	900	900	47	42,000	494,100	484,100	30	14,556,000
N. CENTRAL	**57,000**	**56,000**	**55**	**3,080,000**	**1,633,000**	**1,600,000**	**27**	**43,220,000**
Daniels	--	--	--	--	--	--	--	--
Dawson	4,000	4,000	61	245,000	165,000	163,000	28	4,485,000
Garfield	--	--	--	--	--	--	--	--
McCone	4,700	4,300	37	157,000	210,300	207,700	19	3,924,000
Richland	18,200	18,000	63	1,142,000	177,800	172,000	21	3,626,000
Roosevelt	4,200	4,100	42	174,000	333,800	318,900	22	6,858,000
Sheridan	2,400	2,200	51	112,000	129,600	115,800	24	2,820,000
Valley	16,700	16,600	51	844,000	335,300	333,400	21	6,914,000
Other	800	800	58	46,000	362,200	359,200	24	8,703,000
NORTHEAST	**51,000**	**50,000**	**54**	**2,720,000**	**1,714,000**	**1,670,000**	**22**	**37,330,000**
Broadwater	17,300	17,100	65	1,110,000	21,500	21,400	23	487,000
Cascade	6,900	6,800	43	293,000	59,800	59,000	20	1,179,000
Fergus	1,000	800	60	48,000	79,500	77,700	17	1,344,000
Golden Valley	1,400	1,400	51	71,000	16,200	16,000	18	293,000
Judith Basin	--	--	--	--	--	--	--	--
Lewis & Clark	2,300	2,300	53	123,000	8,900	8,800	25	220,000
Meagher	800	800	75	60,000	2,800	2,800	22	62,000
Musselshell	--	--	--	--	--	--	--	--
Petroleum	1,600	1,600	68	109,000	12,300	12,100	20	248,000
Wheatland	800	800	60	48,000	31,200	31,000	15	455,000
Other	900	900	53	48,000	60,800	59,700	20	1,202,000
CENTRAL	**33,000**	**32,500**	**59**	**1,910,000**	**293,000**	**288,500**	**19**	**5,490,000**
Beaverhead	7,800	7,700	86	666,000	1,800	1,700	18	30,000
Gallatin	13,800	13,500	72	972,000	8,300	8,000	31	247,000
Jefferson	500	500	56	28,000	800	800	19	15,000
Madison	7,900	7,800	77	604,000	2,100	2,000	19	38,000
Silver Bow	--	--	--	--	--	--	--	--
Other	--	--	--	--	--	--	--	--
SOUTHWEST	**30,000**	**29,500**	**77**	**2,270,000**	**13,000**	**12,500**	**26**	**330,000**
Big Horn	9,000	8,400	60	500,000	16,200	14,900	17	257,000
Carbon	1,700	1,700	39	66,000	3,400	3,100	20	63,000
Park	1,600	1,500	44	66,000	3,800	3,800	16	62,000
Stillwater	800	700	41	29,000	16,700	16,500	17	274,000
Sweetgrass	900	900	40	36,000	2,200	2,100	21	45,000
Treasure	3,600	3,500	60	211,000	1,200	1,200	16	19,000
Yellowstone	4,400	4,300	63	272,000	28,500	27,400	18	500,000
Other	--	--	--	--	--	--	--	--
S. CENTRAL	**22,000**	**21,000**	**56**	**1,180,000**	**72,000**	**69,000**	**18**	**1,220,000**
Carter	--	--	--	--	31,500	28,800	22	624,000
Custer	4,900	4,700	59	277,000	19,100	16,900	19	326,000
Fallon	--	--	--	--	51,500	50,800	23	1,166,000
Powder River	1,000	1,000	61	61,000	20,800	20,500	22	441,000
Prairie	4,700	4,500	64	288,000	24,300	24,300	23	568,000
Rosebud	3,700	3,600	61	221,000	30,000	29,400	24	709,000
Wibaux	700	700	61	43,000	54,800	51,800	23	1,176,000
Other	--	--	--	--	--	--	--	--
SOUTHEAST	**15,000**	**14,500**	**61**	**890,000**	**232,000**	**222,500**	**23**	**5,010,000**
MONTANA	**230,000**	**225,000**	**60**	**13,500,000**	**3,970,000**	**3,875,000**	**24**	**93,100,000**

1/ Counties with less than 500 acres planted are combined into "other" counties to avoid disclosure of individual information

OTHER SPRING WHEAT: Acreage, Yield, and Production by Counties and Districts, 1997

COUNTY & DISTRICT	ALL				
	Planted Acres 1/	Harvested Acres	Yield Per Acre Bu.	Production	
				Bushels	Rank
Deer Lodge	--	--	--	--	--
Flathead	14,000	13,400	63	848,000	30
Granite	--	--	--	--	--
Lake	9,500	9,200	66	603,000	34
Lincoln	--	--	--	--	--
Mineral	--	--	--	--	--
Missoula	1,600	1,600	43	68,000	50
Powell	1,600	1,600	79	127,000	46
Ravalli	1,000	1,000	48	48,000	51
Sanders	1,500	1,400	51	72,000	49
Other	800	800	68	54,000	--
NORTHWEST	**30,000**	**29,000**	**63**	**1,820,000**	**--**
Blaine	194,000	189,000	30	5,687,000	6
Chouteau	292,000	285,200	33	9,539,000	2
Glacier	155,000	151,100	33	4,936,000	9
Hill	400,000	389,900	31	11,974,000	1
Liberty	213,000	208,000	26	5,385,000	8
Phillips	170,000	163,800	28	4,531,000	13
Pondera	138,000	134,900	36	4,900,000	10
Teton	88,000	85,800	40	3,453,000	15
Toole	240,000	234,300	28	6,575,000	5
Other	--	--	--	--	--
N. CENTRAL	**1,890,000**	**1,842,000**	**31**	**56,980,000**	**--**
Daniels	264,000	242,700	23	5,618,000	7
Dawson	170,000	165,200	25	4,084,000	14
Garfield	115,000	103,900	26	2,663,000	17
McCone	210,000	201,100	24	4,760,000	11
Richland	196,000	188,400	25	4,732,000	12
Roosevelt	324,000	311,900	24	7,461,000	4
Sheridan	134,000	130,400	23	2,997,000	16
Valley	322,000	314,400	25	7,805,000	3
Other	--	--	--	--	--
NORTHEAST	**1,735,000**	**1,658,000**	**24**	**40,120,000**	**--**
Broadwater	44,000	43,200	51	2,223,000	19
Cascade	53,000	50,600	35	1,768,000	20
Fergus	77,000	74,700	33	2,477,000	18
Golden Valley	20,000	19,400	33	646,000	33
Judith Basin	35,000	34,200	35	1,211,000	22
Lewis & Clark	15,000	14,700	39	578,000	35
Meagher	4,000	3,900	39	151,000	44
Musselshell	23,000	22,300	34	749,000	31
Petroleum	14,000	13,600	38	512,000	38
Wheatland	25,000	24,400	44	1,075,000	24
Other	--	--	--	--	--
CENTRAL	**310,000**	**301,000**	**38**	**11,390,000**	**--**
Beaverhead	8,000	7,900	72	568,000	37
Gallatin	18,000	17,300	59	1,027,000	25
Jefferson	2,500	2,500	57	143,000	45
Madison	6,500	6,300	62	392,000	41
Silver Bow	--	--	--	--	--
Other	--	--	--	--	--
SOUTHWEST	**35,000**	**34,000**	**63**	**2,130,000**	**--**
Big Horn	36,000	35,300	44	1,549,000	21
Carbon	2,800	2,800	34	95,000	48
Park	4,500	4,500	42	188,000	43
Stillwater	15,500	15,100	31	473,000	39
Sweetgrass	2,900	2,700	41	112,000	47
Treasure	5,300	4,900	55	271,000	42
Yellowstone	33,000	30,700	31	962,000	28
Other	--	--	--	--	--
S. CENTRAL	**100,000**	**96,000**	**38**	**3,650,000**	**--**
Carter	37,000	33,000	22	730,000	32
Custer	22,000	21,500	26	568,000	36
Fallon	49,000	48,100	24	1,146,000	23
Powder River	18,000	17,800	26	469,000	40
Prairie	34,000	33,400	29	969,000	26
Rosebud	46,000	43,800	20	859,000	29
Wibaux	44,000	42,400	23	969,000	27
Other	--	--	--	--	--
SOUTHEAST	**250,000**	**240,000**	**24**	**5,710,000**	**--**
MONTANA	**4,350,000**	**4,200,000**	**29**	**121,800,000**	**--**

1/ Counties with less than 500 acres planted are combined into "other" counties to avoid disclosure of individual information.

OTHER SPRING WHEAT: Acreage, Yield, & Production, by Counties & Districts, 1997

COUNTY & DISTRICT	IRRIGATED				NON-IRRIGATED			
	Planted Acres 1/	Harvested Acres	Yield Per Acre Bu	Production Bu	Planted Acres 1/	Harvested Acres	Yield Per Acre Bu	Production Bu
Deer Lodge	--	--	--	--	--	--	--	--
Flathead	6,700	6,400	65	413,000	7,300	7,000	62	435,000
Granite	--	--	--	--	--	--	--	--
Lake	5,100	4,900	72	354,000	4,400	4,300	58	249,000
Lincoln	--	--	--	--	--	--	--	--
Mineral	--	--	--	--	--	--	--	--
Missoula	700	700	46	32,000	900	900	40	36,000
Powell	--	--	--	--	--	--	--	--
Ravalli	--	--	--	--	--	--	--	--
Sanders	700	700	60	42,000	800	700	43	30,000
Other	2,800	2,800	71	199,000	600	600	50	30,000
NORTHWEST	**16,000**	**15,500**	**67**	**1,040,000**	**14,000**	**13,500**	**58**	**780,000**
Blaine	11,600	11,400	64	725,000	182,400	177,600	28	4,962,000
Chouteau	5,400	5,400	66	356,000	286,600	279,800	33	9,183,000
Glacier	6,500	6,400	49	311,000	148,500	144,700	32	4,625,000
Hill	900	900	68	61,000	399,100	389,000	31	11,913,000
Liberty	1,300	1,300	61	79,000	211,700	206,700	26	5,306,000
Phillips	5,500	5,400	57	306,000	164,500	158,400	27	4,225,000
Pondera	16,300	16,100	60	966,000	121,700	118,800	33	3,934,000
Teton	11,500	11,100	70	775,000	76,500	74,700	36	2,678,000
Toole	1,000	1,000	61	61,000	239,000	233,300	28	6,514,000
Other	--	--	--	--	--	--	--	--
N. CENTRAL	**60,000**	**59,000**	**62**	**3,640,000**	**1,830,000**	**1,783,000**	**30**	**53,340,000**
Daniels	600	600	58	35,000	263,400	242,100	23	5,583,000
Dawson	3,900	3,800	50	189,000	166,100	161,400	24	3,895,000
Garfield	1,400	1,400	54	76,000	113,600	102,500	25	2,587,000
McCone	3,200	2,800	39	110,000	206,800	198,300	23	4,650,000
Richland	20,900	20,700	58	1,193,000	175,100	167,700	21	3,539,000
Roosevelt	7,500	7,300	55	400,000	316,500	304,600	23	7,061,000
Sheridan	2,300	2,200	58	127,000	131,700	128,200	22	2,870,000
Valley	18,200	17,700	47	830,000	303,800	296,700	24	6,975,000
Other	--	--	--	--	--	--	--	--
NORTHEAST	**58,000**	**56,500**	**52**	**2,960,000**	**1,677,000**	**1,601,500**	**23**	**37,160,000**
Broadwater	17,500	17,300	72	1,245,000	26,500	25,900	38	978,000
Cascade	5,200	5,100	60	308,000	47,800	45,500	32	1,460,000
Fergus	500	500	58	29,000	76,500	74,200	33	2,448,000
Golden Valley	1,000	1,000	49	49,000	19,000	18,400	32	597,000
Judith Basin	--	--	--	--	--	--	--	--
Lewis & Clark	4,000	4,000	62	249,000	11,000	10,700	31	329,000
Meagher	--	--	--	--	--	--	--	--
Musselshell	500	400	63	25,000	22,500	21,900	33	724,000
Petroleum	1,500	1,400	68	95,000	12,500	12,200	34	417,000
Wheatland	600	600	65	39,000	24,400	23,800	44	1,036,000
Other	1,200	1,200	68	81,000	37,800	36,900	35	1,281,000
CENTRAL	**32,000**	**31,500**	**67**	**2,120,000**	**278,000**	**269,500**	**34**	**9,270,000**
Beaverhead	6,600	6,500	80	519,000	1,400	1,400	35	49,000
Gallatin	9,500	9,200	64	593,000	8,500	8,100	54	434,000
Jefferson	700	700	74	52,000	1,800	1,800	51	91,000
Madison	4,200	4,100	80	326,000	2,300	2,200	30	66,000
Silver Bow	--	--	--	--	--	--	--	--
Other	--	--	--	--	--	--	--	--
SOUTHWEST	**21,000**	**20,500**	**73**	**1,490,000**	**14,000**	**13,500**	**47**	**640,000**
Big Horn	9,200	9,100	72	659,000	26,800	26,200	34	890,000
Carbon	700	700	63	44,000	2,100	2,100	24	51,000
Park	1,200	1,200	53	64,000	3,300	3,300	38	124,000
Stillwater	700	700	59	41,000	14,800	14,400	30	432,000
Sweetgrass	900	900	49	44,000	2,000	1,800	38	68,000
Treasure	3,400	3,000	77	230,000	1,900	1,900	22	41,000
Yellowstone	2,900	2,900	65	188,000	30,100	27,800	28	774,000
Other	--	--	--	--	--	--	--	--
S. CENTRAL	**19,000**	**18,500**	**69**	**1,270,000**	**81,000**	**77,500**	**31**	**2,380,000**
Carter	--	--	--	--	37,000	33,000	22	730,000
Custer	3,800	3,700	54	200,000	18,200	17,800	21	368,000
Fallon	--	--	--	--	49,000	48,100	24	1,146,000
Powder River	--	--	--	--	--	--	--	--
Prairie	4,700	4,400	57	251,000	29,300	29,000	25	718,000
Rosebud	4,800	4,700	41	194,000	41,200	39,100	17	665,000
Wibaux	--	--	--	--	--	--	--	--
Other	700	700	50	35,000	61,300	59,500	24	1,403,000
SOUTHEAST	**14,000**	**13,500**	**50**	**680,000**	**236,000**	**226,500**	**22**	**5,030,000**
MONTANA	**220,000**	**215,000**	**61**	**13,200,000**	**4,130,000**	**3,985,000**	**27**	**108,600,000**

1/ Counties with less than 500 acres planted are combined into "other" counties to avoid disclosure of individual information.

DURUM WHEAT: Acreage, Yield, and Production by Counties and Districts, 1996

COUNTY & DISTRICT	ALL				
	Planted Acres 1/	Harvested Acres	Yield Per Acre Bu.	Production	
				Bushels	Rank
Blaine	1,800	1,800	21	38,000	15
Chouteau	4,700	4,600	33	150,000	6
Glacier	1,500	1,500	32	48,000	12
Hill	1,700	1,700	36	61,000	10
Liberty	2,000	2,000	24	47,000	13
Phillips	1,200	1,200	18	22,000	18
Pondera	6,500	6,400	39	248,000	5
Teton	8,600	8,500	37	313,000	4
Toole	1,000	900	23	21,000	19
Other	--	--	--	--	--
N. CENTRAL	**29,000**	**28,600**	**33**	**948,000**	**--**
Daniels	23,100	23,000	29	667,000	2
Dawson	2,600	2,600	24	62,000	9
McCone	1,100	1,100	22	24,000	17
Richland	4,000	4,000	23	93,000	8
Roosevelt	26,200	25,300	20	508,000	3
Sheridan	188,900	180,400	24	4,348,000	1
Valley	1,100	1,100	25	28,000	16
Other	--	--	--	--	--
NORTHEAST	**247,000**	**237,500**	**24**	**5,730,000**	**--**
Cascade	1,900	1,900	24	46,000	14
Wheatland	6,200	6,100	23	141,000	7
Other	500	500	24	12,000	--
CENTRAL	**8,600**	**8,500**	**23**	**199,000**	**--**
SOUTHWEST	**600**	**600**	**45**	**27,000**	**--**
Wibaux	2,900	2,900	20	59,000	11
Other	1,900	1,900	19	37,000	--
SOUTHEAST	**4,800**	**4,800**	**20**	**96,000**	**--**
MONTANA	**290,000**	**280,000**	**25**	**7,000,000**	**--**

1/ Counties with less than 500 acres planted are combined into "other" counties to avoid disclosure of individual information.

DURUM WHEAT: Acreage, Yield, and Production by Counties and Districts, 1996

COUNTY & DISTRICT	IRRIGATED				NON-IRRIGATED			
	Planted Acres 1/	Harvested Acres	Yield Per Acre Bu.	Production Bu	Planted Acres 1/	Harvested Acres	Yield Per Acre Bu.	Production Bu.
Glacier	--	--	--	--	1,500	1,500	32	48,000
Hill	--	--	--	--	1,700	1,700	36	61,000
Liberty	--	--	--	--	2,000	2,000	24	47,000
Phillips	--	--	--	--	1,200	1,200	18	22,000
Pondera	2,000	2,000	58	116,000	4,500	4,400	30	132,000
Teton	800	800	35	28,000	7,800	7,700	37	285,000
Toole	--	--	--	--	1,000	900	23	21,000
Other	400	400	50	20,000	6,100	6,000	28	168,000
N. CENTRAL	**3,200**	**3,200**	**51**	**164,000**	**25,800**	**25,400**	**31**	**784,000**
Daniels	--	--	--	--	23,100	23,000	29	667,000
Dawson	--	--	--	--	2,600	2,600	24	62,000
McCone	--	--	--	--	1,100	1,100	22	24,000
Sheridan	600	600	35	21,000	188,300	179,800	24	4,327,000
Other	600	600	32	19,000	30,700	29,800	20	610,000
NORTHEAST	**1,200**	**1,200**	**33**	**40,000**	**245,800**	**236,300**	**24**	**5,690,000**
CENTRAL	**300**	**300**	**37**	**11,000**	**8,300**	**8,200**	**23**	**188,000**
SOUTHWEST	**300**	**300**	**67**	**20,000**	**300**	**300**	**23**	**7,000**
Wibaux	--	--	--	--	2,900	2,900	20	59,000
Other	--	--	--	--	1,900	1,900	19	37,000
SOUTHEAST	**--**	**--**	**--**	**--**	**4,800**	**4,800**	**20**	**96,000**
MONTANA	**5,000**	**5,000**	**47**	**235,000**	**285,000**	**275,000**	**25**	**6,765,000**

1/ Counties with less than 500 acres planted are combined into "other" counties to avoid disclosure of individual information.

DURUM WHEAT: Acreage, Yield, and Production by Counties and Districts, 1997

COUNTY & DISTRICT	ALL				
	Planted Acres 1/	Harvested Acres	Yield Per Acre Bu	Production	
				Bushels	Rank
Chouteau	6,300	6,100	45	275,000	5
Hill	1,700	1,700	31	52,000	15
Liberty	2,000	2,000	24	48,000	16
Phillips	1,700	1,000	26	26,000	18
Pondera	7,600	7,300	35	257,000	6
Teton	7,500	7,200	46	334,000	4
Toole	2,200	2,200	30	65,000	13
Other	500	500	30	15,000	--
N. CENTRAL	**29,500**	**28,000**	**38**	**1,072,000**	**--**
Daniels	23,000	22,300	24	540,000	3
Dawson	2,700	2,600	28	72,000	12
McCone	4,500	4,400	31	137,000	9
Richland	3,500	3,400	29	100,000	10
Roosevelt	25,500	24,300	24	574,000	2
Sheridan	183,800	178,000	24	4,270,000	1
Valley	2,000	2,000	29	57,000	14
NORTHEAST	**245,000**	**237,000**	**24**	**5,750,000**	**--**
Cascade	2,700	2,600	32	84,000	11
Wheatland	4,700	4,500	36	160,000	7
Other	700	700	29	20,000	--
CENTRAL	**8,100**	**7,800**	**34**	**264,000**	**--**
Fallon	800	800	34	27,000	17
Wibaux	5,900	5,700	25	145,000	8
Other	100	100	30	3,000	--
SOUTHEAST	**6,800**	**6,600**	**27**	**175,000**	**--**
OTHER DISTRICTS	**600**	**600**	**32**	**19,000**	**--**
MONTANA	**290,000**	**280,000**	**26**	**7,280,000**	**--**

1/ Counties with less than 500 acres planted are combined into "other" counties to avoid disclosure of individual information

DURUM WHEAT: Acreage, Yield, and Production by Counties and Districts, 1997

COUNTY & DISTRICT	IRRIGATED				NON-IRRIGATED			
	Planted Acres 1/	Harvested Acres	Yield Per Acre Bu.	Production Bu	Planted Acres 1/	Harvested Acres	Yield Per Acre Bu.	Production Bu.
Chouteau	1,100	1,100	80	88,000	5,200	5,000	37	187,000
Hill	--	--	--	--	1,700	1,700	31	52,000
Liberty	--	--	--	--	2,000	2,000	24	48,000
Phillips	--	--	--	--	1,700	1,000	26	26,000
Pondera	1,500	1,500	73	109,000	6,100	5,800	26	148,000
Teton	--	--	--	--	--	--	--	--
Toole	--	--	--	--	2,200	2,200	30	65,000
Other	400	400	50	20,000	7,600	7,300	45	329,000
N. CENTRAL	**3,000**	**3,000**	**72**	**217,000**	**26,500**	**25,000**	**34**	**855,000**
Daniels	--	--	--	--	--	--	--	--
Dawson	--	--	--	--	2,700	2,600	28	72,000
McCone	1,400	1,400	43	64,000	3,100	3,000	24	73,000
Richland	--	--	--	--	--	--	--	--
Roosevelt	--	--	--	--	--	--	--	--
Sheridan	500	500	50	25,000	183,300	177,500	24	4,245,000
Valley	--	--	--	--	2,000	2,000	29	57,000
Other	800	800	51	41,000	51,200	49,200	24	1,173,000
NORTHEAST	**2,700**	**2,700**	**48**	**130,000**	**242,300**	**234,300**	**24**	**5,620,000**
Cascade	--	--	--	--	2,700	2,600	32	84,000
Wheatland	--	--	--	--	4,700	4,500	36	160,000
Other	--	--	--	--	700	700	29	20,000
CENTRAL	**--**	**--**	**--**	**--**	**8,100**	**7,800**	**34**	**264,000**
Fallon	--	--	--	--	800	800	34	27,000
Wibaux	--	--	--	--	5,900	5,700	25	145,000
Other	--	--	--	--	100	100	30	3,000
SOUTHEAST	**--**	**--**	**--**	**--**	**6,800**	**6,600**	**27**	**175,000**
OTHER DISTRICTS	**300**	**300**	**43**	**13,000**	**300**	**300**	**20**	**6,000**
MONTANA	**6,000**	**6,000**	**60**	**360,000**	**284,000**	**274,000**	**25**	**6,920,000**

1/ Counties with less than 500 acres planted are combined into "other" counties to avoid disclosure of individual information.

BARLEY: Acreage, Yield, and Production, by Counties and Districts, 1996

COUNTY & DISTRICT	ALL				
	Planted Acres 1/	Harvested Acres	Yield Per Acre Bu.	Production	
				Bushels	Rank
Deer Lodge	1,600	1,100	55	60,000	52
Flathead	20,000	19,200	68	1,303,000	11
Granite	2,000	1,000	86	86,000	49
Lake	9,600	7,800	62	483,000	26
Lincoln	--	--	--	--	--
Mineral	--	--	--	--	--
Missoula	2,300	1,800	47	85,000	50
Powell	5,000	3,300	82	269,000	35
Ravalli	2,800	2,600	78	202,000	41
Sanders	1,300	800	44	35,000	53
Other	400	400	68	27,000	--
NORTHWEST	**45,000**	**38,000**	**67**	**2,550,000**	**--**
Blaine	25,900	24,200	46	1,119,000	13
Chouteau	115,000	109,000	32	3,486,000	4
Glacier	98,000	91,500	48	4,383,000	3
Hill	34,000	32,000	37	1,191,000	12
Liberty	28,000	26,800	39	1,046,000	14
Phillips	25,100	21,500	27	571,000	22
Pondera	117,000	113,000	57	6,433,000	2
Teton	116,000	113,000	60	6,791,000	1
Toole	61,000	59,000	44	2,580,000	5
Other	--	--	--	--	--
N. CENTRAL	**620,000**	**590,000**	**47**	**27,600,000**	**--**
Daniels	7,500	7,000	32	223,000	39
Dawson	21,600	19,000	37	711,000	18
Garfield	15,700	12,700	22	274,000	34
McCone	21,200	15,900	20	315,000	31
Richland	25,200	20,900	31	639,000	21
Roosevelt	16,800	14,000	24	332,000	30
Sheridan	14,700	12,500	28	352,000	28
Valley	20,300	18,000	31	554,000	23
Other	--	--	--	--	--
NORTHEAST	**143,000**	**120,000**	**28**	**3,400,000**	**--**
Broadwater	11,000	10,400	62	642,000	19
Cascade	69,600	66,300	37	2,474,000	6
Fergus	90,500	85,000	26	2,220,000	7
Golden Valley	6,400	5,400	20	110,000	47
Judith Basin	65,000	60,800	25	1,519,000	9
Lewis & Clark	11,400	10,800	48	516,000	25
Meagher	20,400	18,400	44	815,000	16
Musselshell	3,900	2,700	31	85,000	51
Petroleum	3,900	3,000	39	116,000	46
Wheatland	17,900	17,200	18	303,000	32
Other	--	--	--	--	--
CENTRAL	**300,000**	**280,000**	**31**	**8,800,000**	**--**
Beaverhead	1,000	8,900	89	788,000	17
Gallatin	40,500	37,700	57	2,138,000	8
Jefferson	--	--	--	--	--
Madison	10,000	8,600	75	642,000	20
Silver Bow	--	--	--	--	--
Other	3,500	2,800	65	182,000	--
SOUTHWEST	**65,000**	**58,000**	**65**	**3,750,000**	**--**
Big Horn	12,700	10,600	50	533,000	24
Carbon	14,100	13,600	74	1,013,000	15
Park	9,200	7,800	45	349,000	29
Stillwater	15,200	13,600	32	434,000	27
Sweetgrass	4,000	3,200	49	157,000	45
Treasure	3,500	3,300	81	268,000	36
Yellowstone	23,300	21,900	61	1,346,000	10
Other	--	--	--	--	--
S. CENTRAL	**82,000**	**74,000**	**55**	**4,100,000**	**--**
Carter	5,100	4,000	26	104,000	48
Custer	5,000	4,400	49	214,000	40
Fallon	10,700	9,600	24	229,000	38
Powder River	4,200	3,800	43	162,000	42
Prairie	8,200	7,800	36	281,000	33
Rosebud	5,600	5,200	48	251,000	37
Wibaux	6,200	5,200	31	159,000	43
Other	--	--	--	--	--
SOUTHEAST	**45,000**	**40,000**	**35**	**1,400,000**	**--**
MONTANA	**1,300,000**	**1,200,000**	**43**	**51,600,000**	**--**

1/ Counties with less than 500 acres planted are combined into "other" counties to avoid disclosure of individual information.

BARLEY: Acreage, Yield, and Production, by Counties and Districts, 1996

COUNTY & DISTRICT	IRRIGATED				NON-IRRIGATED			
	Planted Acres 1/	Harvested Acres	Yield Per Acres Bu	Production Bu	Planted Acres 1/	Harvested Acres	Yield Per Acre Bu	Production Bu
Deer Lodge	--	--	--	--	--	--	--	--
Flathead	7,100	6,900	83	570,000	12,900	12,300	60	733,000
Granite	--	--	--	--	--	--	--	--
Lake	6,100	4,800	77	370,000	3,500	3,000	38	113,000
Lincoln	--	--	--	--	--	--	--	--
Mineral	--	--	--	--	--	--	--	--
Missoula	900	600	82	49,000	1,400	1,200	30	36,000
Powell	3,500	2,400	89	214,000	1,500	900	61	55,000
Ravalli	2,300	2,100	89	187,000	500	500	30	15,000
Sanders	--	--	--	--	--	--	--	--
Other	3,600	2,200	75	165,000	1,700	1,100	39	43,000
NORTHWEST	**23,500**	**19,000**	**82**	**1,555,000**	**21,500**	**19,000**	**52**	**995,000**
Blaine	11,400	10,600	69	731,000	14,500	13,600	29	388,000
Chouteau	--	--	--	--	--	--	--	--
Glacier	13,600	13,100	71	928,000	84,400	78,400	44	3,455,000
Hill	--	--	--	--	--	--	--	--
Liberty	1,700	1,400	77	108,000	26,300	25,400	37	938,000
Phillips	1,700	1,400	55	77,000	23,400	20,100	25	494,000
Pondera	40,600	39,500	78	3,083,000	76,400	73,500	46	3,350,000
Teton	56,600	55,700	81	4,533,000	59,400	57,300	39	2,258,000
Toole	1,400	1,400	50	70,000	59,600	57,600	44	2,510,000
Other	1,000	900	78	70,000	148,000	140,100	33	4,607,000
N. CENTRAL	**128,000**	**124,000**	**77**	**9,600,000**	**492,000**	**466,000**	**39**	**18,000,000**
Daniels	--	--	--	--	7,500	7,000	32	223,000
Dawson	500	300	80	24,000	21,100	18,700	37	687,000
Garfield	--	--	--	--	--	--	--	--
McCone	--	--	--	--	--	--	--	--
Richland	1,700	1,600	78	124,000	23,500	19,300	27	515,000
Roosevelt	--	--	--	--	16,800	14,000	24	332,000
Sheridan	--	--	--	--	--	--	--	--
Valley	2,200	2,000	61	121,000	18,100	16,000	27	433,000
Other	600	600	68	41,000	51,000	40,500	22	900,000
NORTHEAST	**5,000**	**4,500**	**69**	**310,000**	**138,000**	**115,500**	**27**	**3,090,000**
Broadwater	6,400	6,100	81	495,000	4,600	4,300	34	147,000
Cascade	14,700	13,700	61	830,000	54,900	52,600	31	1,644,000
Fergus	1,200	1,000	69	69,000	89,300	84,000	26	2,151,000
Golden Valley	900	400	78	31,000	5,500	5,000	16	79,000
Judith Basin	1,500	1,400	63	88,000	63,500	59,400	24	1,431,000
Lewis & Clark	3,800	3,600	66	236,000	7,600	7,200	39	280,000
Meagher	5,600	4,800	74	355,000	14,800	13,600	34	460,000
Musselshell	1,100	700	50	35,000	2,800	2,000	25	50,000
Petroleum	2,000	1,700	51	87,000	1,900	1,300	22	29,000
Wheatland	1,800	1,600	46	74,000	16,100	15,600	15	229,000
Other	--	--	--	--	--	--	--	--
CENTRAL	**39,000**	**35,000**	**66**	**2,300,000**	**261,000**	**245,000**	**27**	**6,500,000**
Beaverhead	10,500	8,400	93	778,000	500	500	20	10,000
Gallatin	16,700	15,700	78	1,221,000	23,800	22,000	42	917,000
Jefferson	--	--	--	--	--	--	--	--
Madison	9,100	7,800	80	622,000	900	800	25	20,000
Silver Bow	--	--	--	--	--	--	--	--
Other	2,700	2,100	76	159,000	800	700	33	23,000
SOUTHWEST	**39,000**	**34,000**	**82**	**2,780,000**	**26,000**	**24,000**	**40**	**970,000**
Big Horn	5,900	5,200	72	376,000	6,800	5,400	29	157,000
Carbon	11,300	11,000	87	959,000	2,800	2,600	21	54,000
Park	4,000	3,500	61	215,000	5,200	4,300	31	134,000
Stillwater	2,400	1,700	86	146,000	12,800	11,900	24	288,000
Sweetgrass	1,800	1,200	73	87,000	2,200	2,000	35	70,000
Treasure	2,900	2,800	91	254,000	600	500	28	14,000
Yellowstone	13,700	13,100	88	1,153,000	9,600	8,800	22	193,000
Other	--	--	--	--	--	--	--	--
S. CENTRAL	**42,000**	**38,500**	**83**	**3,190,000**	**40,000**	**35,500**	**26**	**910,000**
Carter	--	--	--	--	5,100	4,000	26	104,000
Custer	1,500	1,300	85	110,000	3,500	3,100	34	104,000
Fallon	--	--	--	--	10,700	9,600	24	229,000
Powder River	--	--	--	--	--	--	--	--
Prairie	--	--	--	--	--	--	--	--
Rosebud	1,400	1,100	92	101,000	4,200	4,100	37	150,000
Wibaux	--	--	--	--	6,200	5,200	31	159,000
Other	600	600	90	54,000	11,800	11,000	35	389,000
SOUTHEAST	**3,500**	**3,000**	**88**	**265,000**	**41,500**	**37,000**	**31**	**1,135,000**
MONTANA	**280,000**	**258,000**	**78**	**20,000,000**	**1,020,000**	**942,000**	**34**	**31,600,000**

1/ Counties with less than 500 acres planted are combined into "other" counties to avoid disclosure of individual information

BARLEY: Acreage, Yield, and Production, by Counties and Districts, 1997

COUNTY & DISTRICT	ALL				
	Planted Acres 1/	Harvested Acres	Yield Per Acre Bu.	Production	
				Bushels	Rank
Deer Lodge	1,100	900	68	61,000	51
Flathead	16,000	15,800	74	1,162,000	13
Granite	1,300	600	70	42,000	53
Lake	5,300	3,900	63	244,000	38
Lincoln	--	--	--	--	--
Mineral	--	--	--	--	--
Missoula	1,400	1,200	62	74,000	50
Powell	4,700	3,200	78	251,000	37
Ravalli	2,800	2,700	84	227,000	39
Sanders	1,100	900	51	46,000	52
Other	300	300	80	24,000	--
NORTHWEST	**34,000**	**29,500**	**72**	**2,131,000**	**--**
Blaine	25,000	22,300	47	1,055,000	15
Chouteau	114,000	106,400	45	4,782,000	4
Glacier	108,000	105,300	50	5,246,000	3
Hill	33,500	32,400	37	1,194,000	12
Liberty	26,500	25,700	39	999,000	17
Phillips	25,000	21,400	38	821,000	19
Pondera	121,000	118,800	57	6,814,000	2
Teton	128,000	126,100	67	8,386,000	1
Toole	73,000	71,600	48	3,468,000	7
Other	--	--	--	--	--
N. CENTRAL	**654,000**	**630,000**	**52**	**32,765,000**	**--**
Daniels	6,400	4,800	42	201,000	41
Dawson	22,800	18,300	37	672,000	24
Garfield	16,800	13,200	38	502,000	27
McCone	19,000	14,100	36	502,000	28
Richland	23,000	20,200	38	768,000	21
Roosevelt	14,700	12,300	33	411,000	31
Sheridan	10,000	8,900	31	272,000	35
Valley	20,300	15,200	38	579,000	26
Other	--	--	--	--	--
NORTHEAST	**133,000**	**107,000**	**37**	**3,907,000**	**--**
Broadwater	10,000	9,200	69	635,000	25
Cascade	68,000	64,500	55	3,570,000	6
Fergus	86,000	78,800	49	3,888,000	5
Golden Valley	7,000	6,400	49	311,000	34
Judith Basin	57,000	52,500	51	2,687,000	8
Lewis & Clark	12,000	10,900	62	680,000	23
Meagher	23,000	20,900	59	1,238,000	11
Musselshell	4,700	3,500	43	149,000	43
Petroleum	3,800	2,900	44	127,000	47
Wheatland	19,500	16,900	48	810,000	20
Other	--	--	--	--	--
CENTRAL	**291,000**	**266,500**	**53**	**14,095,000**	**--**
Beaverhead	12,100	10,200	100	1,020,000	16
Gallatin	39,500	37,100	66	2,465,000	9
Jefferson	--	--	--	--	--
Madison	7,200	6,000	72	434,000	30
Silver Bow	--	--	--	--	--
Other	2,200	1,700	73	124,000	--
SOUTHWEST	**61,000**	**55,000**	**74**	**4,043,000**	**--**
Big Horn	15,000	13,900	68	952,000	18
Carbon	14,000	13,300	83	1,110,000	14
Park	9,000	7,600	60	454,000	29
Stillwater	16,500	14,400	52	746,000	22
Sweetgrass	3,000	2,400	53	128,000	46
Treasure	4,000	3,000	70	211,000	40
Yellowstone	21,500	20,400	75	1,537,000	10
Other	--	--	--	--	--
S. CENTRAL	**83,000**	**75,000**	**69**	**5,138,000**	**--**
Carter	5,200	2,600	42	108,000	48
Custer	3,900	3,000	46	138,000	45
Fallon	9,800	8,600	39	334,000	33
Powder River	3,700	3,100	45	140,000	44
Prairie	8,500	8,300	32	266,000	36
Rosebud	7,600	6,900	53	368,000	32
Wibaux	5,300	4,500	37	167,000	42
Other	--	--	--	--	--
SOUTHEAST	**44,000**	**37,000**	**41**	**1,521,000**	**--**
MONTANA	**1,300,000**	**1,200,000**	**53**	**63,600,000**	**--**

1/ Counties with less than 500 acres planted are combined into "other" counties to avoid disclosure of individual information.

BARLEY: Acreage, Yield, and Production, by Counties and Districts, 1997

COUNTY & DISTRICT	IRRIGATED				NON-IRRIGATED			
	Planted Acres 1/	Harvested Acres	Yield Per Acres Bu.	Production Bu.	Planted Acres 1/	Harvested Acres	Yield Per Acre Bu..	Production Bu.
Deer Lodge	--	--	--	--	--	--	--	--
Flathead	5,400	5,300	72	383,000	10,600	10,500	74	779,000
Granite	--	--	--	--	--	--	--	--
Lake	3,400	2,500	67	167,000	1,900	1,400	55	77,000
Lincoln	--	--	--	--	--	--	--	--
Mineral	--	--	--	--	--	--	--	--
Missoula	900	700	70	49,000	500	500	50	25,000
Powell	3,700	2,500	84	211,000	1,000	700	57	40,000
Ravalli	2,300	2,200	89	195,000	500	500	64	32,000
Sanders	--	--	--	--	--	--	--	--
Other	2,300	1,300	80	104,000	1,500	1,400	49	69,000
NORTHWEST	**18,000**	**14,500**	**76**	**1,109,000**	**16,000**	**15,000**	**68**	**1,022,000**
Blaine	10,000	9,100	62	565,000	15,000	13,200	37	490,000
Chouteau	900	600	65	39,000	113,100	105,800	45	4,743,000
Glacier	18,000	17,800	65	1,154,000	90,000	87,500	47	4,092,000
Hill	1,200	1,100	70	77,000	32,300	31,300	36	1,117,000
Liberty	1,000	700	64	45,000	25,500	25,000	38	954,000
Phillips	2,700	1,500	64	96,000	22,300	19,900	36	725,000
Pondera	39,600	38,800	75	2,917,000	81,400	80,000	49	3,897,000
Teton	62,500	62,400	77	4,826,000	65,500	63,700	56	3,560,000
Toole	1,100	1,000	70	70,000	71,900	70,600	48	3,398,000
Other	--	--	--	--	--	--	--	--
N. CENTRAL	**137,000**	**133,000**	**74**	**9,789,000**	**517,000**	**497,000**	**46**	**22,976,000**
Daniels	--	--	--	--	--	--	--	--
Dawson	700	400	83	33,000	22,100	17,900	36	639,000
Garfield	--	--	--	--	--	--	--	--
McCone	600	500	58	29,000	18,400	13,600	35	473,000
Richland	2,400	1,900	71	135,000	20,600	18,300	35	633,000
Roosevelt	1,000	500	68	34,000	13,700	11,800	32	377,000
Sheridan	--	--	--	--	--	--	--	--
Valley	2,600	1,100	62	68,000	17,700	14,100	36	511,000
Other	700	600	67	40,000	32,500	26,300	36	935,000
NORTHEAST	**8,000**	**5,000**	**68**	**339,000**	**125,000**	**102,000**	**35**	**3,568,000**
Broadwater	6,100	5,400	81	437,000	3,900	3,800	52	198,000
Cascade	13,700	12,700	73	928,000	54,300	51,800	51	2,642,000
Fergus	1,600	1,000	70	70,000	84,400	77,800	49	3,818,000
Golden Valley	700	500	84	42,000	6,300	5,900	46	269,000
Judith Basin	1,000	500	68	34,000	56,000	52,000	51	2,653,000
Lewis & Clark	4,900	4,200	76	319,000	7,100	6,700	54	361,000
Meagher	5,500	4,800	84	403,000	17,500	16,100	52	835,000
Musselshell	800	500	74	37,000	3,900	3,000	37	112,000
Petroleum	2,200	1,500	56	84,000	1,600	1,400	31	43,000
Wheatland	1,500	1,400	50	70,000	18,000	15,500	48	740,000
Other	--	--	--	--	--	--	--	--
CENTRAL	**38,000**	**32,500**	**75**	**2,424,000**	**253,000**	**234,000**	**50**	**11,671,000**
Beaverhead	11,000	9,400	103	968,000	1,100	800	65	52,000
Gallatin	17,500	15,600	69	1,070,000	22,000	21,500	65	1,395,000
Jefferson	--	--	--	--	--	--	--	--
Madison	6,000	4,900	77	375,000	1,200	1,100	54	59,000
Silver Bow	--	--	--	--	--	--	--	--
Other	1,500	1,100	74	81,000	700	600	72	43,000
SOUTHWEST	**36,000**	**31,000**	**80**	**2,494,000**	**25,000**	**24,000**	**65**	**1,549,000**
Big Horn	7,600	7,500	84	628,000	7,400	6,400	51	324,000
Carbon	12,000	11,600	88	1,019,000	2,000	1,700	54	91,000
Park	4,000	3,100	77	238,000	5,000	4,500	48	216,000
Stillwater	2,500	2,200	75	165,000	14,000	12,200	48	581,000
Sweetgrass	900	600	72	43,000	2,100	1,800	47	85,000
Treasure	3,300	2,300	80	185,000	700	700	37	26,000
Yellowstone	13,700	13,200	90	1,192,000	7,800	7,200	48	345,000
Other	--	--	--	--	--	--	--	--
S. CENTRAL	**44,000**	**40,500**	**86**	**3,470,000**	**39,000**	**34,500**	**48**	**1,668,000**
Carter	--	--	--	--	--	--	--	--
Custer	1,100	1,000	63	63,000	2,800	2,000	38	75,000
Fallon	--	--	--	--	--	--	--	--
Powder River	--	--	--	--	--	--	--	--
Prairie	--	--	--	--	--	--	--	--
Rosebud	2,000	1,800	92	166,000	5,600	5,100	40	202,000
Wibaux	--	--	--	--	5,300	4,500	37	167,000
Other	900	700	66	46,000	26,300	21,900	37	802,000
SOUTHEAST	**4,000**	**3,500**	**79**	**275,000**	**40,000**	**33,500**	**37**	**1,246,000**
MONTANA	**285,000**	**260,000**	**77**	**19,900,000**	**1,015,000**	**940,000**	**46**	**43,700,000**

1/ Counties with less than 500 acres planted are combined into "other" counties to avoid disclosure of individual information.

OATS: Acreage, Yield, and Production, by Counties and Districts, 1996

COUNTY & DISTRICT	ALL				
	Planted Acres 1/	Harvested Acres	Yield Per Acre Bu.	Production	
				Bushels	Rank
Deer Lodge	--	--	--	--	--
Flathead	500	400	65	25,800	34
Granite	--	--	--	--	--
Lake	1,600	900	64	57,800	9
Lincoln	--	--	--	--	--
Mineral	--	--	--	--	--
Missoula	600	200	54	10,800	47
Powell	1,000	700	66	46,100	14
Ravalli	800	600	80	48,100	13
Sanders	700	400	40	16,000	41
Other	800	300	51	15,400	--
NORTHWEST	**6,000**	**3,500**	**63**	**220,000**	--
Blaine	7,100	1,500	40	59,400	8
Chouteau	2,000	1,000	30	30,200	27
Glacier	1,300	600	49	29,100	31
Hill	3,100	500	18	9,200	49
Liberty	600	400	34	13,500	45
Phillips	5,100	1,400	32	45,000	16
Pondera	800	500	33	16,300	40
Teton	900	700	46	32,300	26
Toole	1,100	600	25	15,000	43
Other	--	--	--	--	--
N. CENTRAL	**22,000**	**7,200**	**35**	**250,000**	--
Daniels	2,000	400	27	10,700	48
Dawson	5,100	2,600	39	100,400	2
Garfield	3,500	1,900	24	45,400	15
McCone	4,500	2,000	19	38,000	22
Richland	7,200	4,000	40	158,200	1
Roosevelt	3,800	1,600	28	44,300	17
Sheridan	4,500	2,800	32	90,600	4
Valley	3,400	1,000	52	52,400	10
Other	--	--	--	--	--
NORTHEAST	**34,000**	**16,300**	**33**	**540,000**	--
Broadwater	--	--	--	--	--
Cascade	1,200	600	50	30,200	28
Fergus	1,900	1,400	30	42,500	21
Golden Valley	--	--	--	--	--
Judith Basin	1,800	1,500	22	33,500	25
Lewis & Clark	600	200	62	12,300	46
Meagher	700	500	56	27,800	33
Musselshell	1,900	1,000	44	43,900	18
Petroleum	--	--	--	--	--
Wheatland	1,000	800	25	20,300	36
Other	1,900	1,600	26	41,500	--
CENTRAL	**11,000**	**7,600**	**33**	**252,000**	--
Beaverhead	--	--	--	--	--
Gallatin	800	500	68	34,200	24
Jefferson	700	400	52	20,900	35
Madison	1,800	800	83	66,000	7
Silver Bow	--	--	--	--	--
Other	700	200	95	18,900	--
SOUTHWEST	**4,000**	**1,900**	**74**	**140,000**	--
Big Horn	1,500	900	54	48,800	12
Carbon	1,200	800	63	50,500	11
Park	900	200	36	7,200	51
Stillwater	--	--	--	--	--
Sweetgrass	1,200	800	54	43,300	20
Treasure	--	--	--	--	--
Yellowstone	1,000	700	51	35,800	23
Other	1,200	900	49	44,400	--
S. CENTRAL	**7,000**	**4,300**	**53**	**230,000**	--
Carter	3,100	1,600	19	30,100	29
Custer	1,600	900	32	29,000	32
Fallon	2,600	1,500	46	69,500	6
Powder River	1,600	1,000	44	43,800	19
Prairie	1,500	400	50	20,100	37
Rosebud	2,000	1,300	58	75,600	5
Wibaux	3,600	2,500	40	99,900	3
Other	--	--	--	--	--
SOUTHEAST	**16,000**	**9,200**	**40**	**368,000**	--
MONTANA	**100,000**	**50,000**	**40**	**2,000,000**	--

1/ Counties with less than 500 acres planted are combined into "other" counties to avoid disclosure of individual information

OATS: Acreage, Yield, and Production, by Counties and Districts, 1996

COUNTY & DISTRICT	IRRIGATED				NON-IRRIGATED			
	Planted Acres 1/	Harvested Acres	Yield Per Acre Bu.	Production Bu.	Planted Acre 1/	Harvested Acre	Yield Per Acre Bu	Production Bu
Deer Lodge	--	--	--	--	--	--	--	--
Flathead	--	--	--	--	--	--	--	--
Granite	--	--	--	--	--	--	--	--
Lake	1,000	600	82	49,300	600	300	28	8,500
Lincoln	--	--	--	--	--	--	--	--
Mineral	--	--	--	--	--	--	--	--
Missoula	--	--	--	--	--	--	--	--
Powell	--	--	--	--	--	--	--	--
Ravalli	--	--	--	--	--	--	--	--
Sanders	--	--	--	--	--	--	--	--
Other	2,500	1,700	79	134,700	1,900	900	31	27,500
NORTHWEST	**3,500**	**2,300**	**80**	**184,000**	**2,500**	**1,200**	**30**	**36,000**
Blaine	3,400	700	63	44,400	3,700	800	19	15,000
Chouteau	--	--	--	--	--	--	--	--
Glacier	--	--	--	--	--	--	--	--
Hill	--	--	--	--	--	--	--	--
Liberty	--	--	--	--	600	400	34	13,500
Phillips	1,000	500	58	28,900	4,100	900	18	16,100
Pondera	--	--	--	--	--	--	--	--
Teton	--	--	--	--	--	--	--	--
Toole	--	--	--	--	--	--	--	--
Other	800	500	71	35,700	8,400	3,400	28	96,400
N. CENTRAL	**5,200**	**1,700**	**64**	**109,000**	**16,800**	**5,500**	**26**	**141,000**
Daniels	--	--	--	--	2,000	400	27	10,700
Dawson	--	--	--	--	--	--	--	--
Garfield	--	--	--	--	3500	1,900	24	45,400
McCone	--	--	--	--	--	--	--	--
Richland	700	500	97	48,600	6,500	3,500	31	109,600
Roosevelt	--	--	--	--	--	--	--	--
Sheridan	--	--	--	--	--	--	--	--
Valley	900	500	77	38,400	2,500	500	28	14,000
Other	900	800	79	63,000	17,000	8,200	26	210,300
NORTHEAST	**2,500**	**1,800**	**83**	**150,000**	**31,500**	**14,500**	**27**	**390,000**
Broadwater	--	--	--	--	--	--	--	--
Cascade	--	--	--	--	--	--	--	--
Fergus	--	--	--	--	--	--	--	--
Golden Valley	--	--	--	--	--	--	--	--
Judith Basin	--	--	--	--	--	--	--	--
Lewis & Clark	--	--	--	--	--	--	--	--
Meagher	--	--	--	--	--	--	--	--
Musselshell	700	500	59	29,700	1,200	500	28	14,200
Petroleum	--	--	--	--	--	--	--	--
Wheatland	--	--	--	--	--	--	--	--
Other	2,300	1,900	68	128,300	6,800	4,700	17	79,800
CENTRAL	**3,000**	**2,400**	**66**	**158,000**	**8,000**	**5,200**	**18**	**94,000**
Beaverhead	--	--	--	--	--	--	--	--
Gallatin	--	--	--	--	--	--	--	--
Jefferson	--	--	--	--	--	--	--	--
Madison	--	--	--	--	--	--	--	--
Silver Bow	--	--	--	--	--	--	--	--
Other	3,500	1,600	82	131,000	500	300	30	9,000
SOUTHWEST	**3,500**	**1,600**	**82**	**131,000**	**500**	**300**	**30**	**9,000**
Big Horn	--	--	--	--	--	--	--	--
Carbon	--	--	--	--	--	--	--	--
Park	--	--	--	--	--	--	--	--
Stillwater	--	--	--	--	--	--	--	--
Sweetgrass	--	--	--	--	--	--	--	--
Treasure	--	--	--	--	--	--	--	--
Yellowstone	500	400	67	26,700	500	300	30	9,100
Other	3,900	2,400	67	160,300	2,100	1,200	28	33,900
S. CENTRAL	**4,400**	**2,800**	**67**	**187,000**	**2,600**	**1,500**	**29**	**43,000**
Carter	--	--	--	--	3100	1,600	19	30,100
Custer	--	--	--	--	--	--	--	--
Fallon	--	--	--	--	--	--	--	--
Powder River	--	--	--	--	--	--	--	--
Prairie	--	--	--	--	--	--	--	--
Rosebud	800	600	65	38,800	1,200	700	53	36,800
Wibaux	--	--	--	--	3,600	2,500	40	99,900
Other	1,100	800	65	52,200	6,200	3,000	37	110,200
SOUTHEAST	**1,900**	**1,400**	**65**	**91,000**	**14,100**	**7,800**	**36**	**277,000**
MONTANA	**24,000**	**14,000**	**72**	**1,010,000**	**76,000**	**36,000**	**28**	**990,000**

1/ Counties with less than 500 acres planted are combined into "other" counties to avoid disclosure of individual information.

OATS: Acreage, Yield, and Production, by Counties and Districts, 1997

COUNTY & DISTRICT	ALL				
	Planted Acres 1/	Harvested Acres	Yield Per Acre Bu.	Production	
				Bushels	Rank
Deer Lodge	--	--	--	--	--
Flathead	700	400	80	32,000	42
Granite	--	--	--	--	--
Lake	1,600	1,200	87	104,000	9
Lincoln	--	--	--	--	--
Mineral	--	--	--	--	--
Missoula	600	200	65	13,000	51
Powell	1,300	1,100	62	68,000	24
Ravalli	1,100	700	79	55,000	30
Sanders	700	400	68	27,000	44
Other	1,000	500	82	41,000	--
NORTHWEST	**7,000**	**4,500**	**76**	**340,000**	**--**
Blaine	8,800	2,600	56	146,000	4
Chouteau	3,400	1,700	56	95,000	14
Glacier	1,800	800	56	45,000	37
Hill	3,600	1,100	54	59,000	29
Liberty	600	400	48	19,000	49
Phillips	8,400	1,900	54	103,000	10
Pondera	700	500	52	26,000	45
Teton	1,500	1,000	52	52,000	34
Toole	1,700	900	61	55,000	31
Other	--	--	--	--	--
N. CENTRAL	**30,500**	**10,900**	**55**	**600,000**	**--**
Daniels	3,200	900	39	35,000	39
Dawson	4,400	2,200	42	93,000	15
Garfield	5,900	3,700	43	158,000	3
McCone	7,800	1,700	39	67,000	25
Richland	12,200	6,300	58	368,000	1
Roosevelt	5,400	2,800	40	112,000	7
Sheridan	4,300	2,100	41	87,000	18
Valley	4,300	1,700	56	96,000	13
Other	--	--	--	--	--
NORTHEAST	**47,500**	**21,400**	**47**	**1,016,000**	**--**
Broadwater	--	--	--	--	--
Cascade	2,000	700	56	39,000	38
Fergus	4,200	2,600	55	143,000	5
Golden Valley	900	600	42	25,000	46
Judith Basin	4,100	2,700	64	174,000	2
Lewis & Clark	1,500	700	73	51,000	35
Meagher	800	500	70	35,000	40
Musselshell	2,600	1,600	49	79,000	20
Petroleum	--	--	--	--	--
Wheatland	1,600	1,400	63	88,000	17
Other	800	700	63	44,000	--
CENTRAL	**18,500**	**11,500**	**59**	**678,000**	**--**
Beaverhead	--	--	--	--	--
Gallatin	1,300	900	78	70,000	23
Jefferson	--	--	--	--	--
Madison	1,400	900	80	72,000	22
Silver Bow	--	--	--	--	--
Other	1,300	400	83	33,000	--
SOUTHWEST	**4,000**	**2,200**	**80**	**175,000**	**--**
Big Horn	1,900	1,600	58	92,000	16
Carbon	1,700	1,100	78	86,000	19
Park	1,400	700	66	46,000	36
Stillwater	--	--	--	--	--
Sweetgrass	1,800	1,000	60	60,000	28
Treasure	--	--	--	--	--
Yellowstone	1,600	800	68	54,000	33
Other	1,600	1,300	64	83,000	--
S. CENTRAL	**10,000**	**6,500**	**65**	**421,000**	**--**
Carter	4,000	1,900	39	75,000	21
Custer	2,700	1,500	66	99,000	12
Fallon	4,500	2,700	46	123,000	6
Powder River	2,100	1,300	47	61,000	27
Prairie	2,100	1,000	54	54,000	32
Rosebud	2,900	1,900	53	101,000	11
Wibaux	4,200	2,700	40	107,000	8
Other	--	--	--	--	--
SOUTHEAST	**22,500**	**13,000**	**48**	**620,000**	**--**
MONTANA	**140,000**	**70,000**	**55**	**3,850,000**	**--**

1/ Counties with less than 500 acres planted are combined into "other" counties to avoid disclosure of individual information.

OATS: Acreage, Yield, and Production, by Counties and Districts, 1997

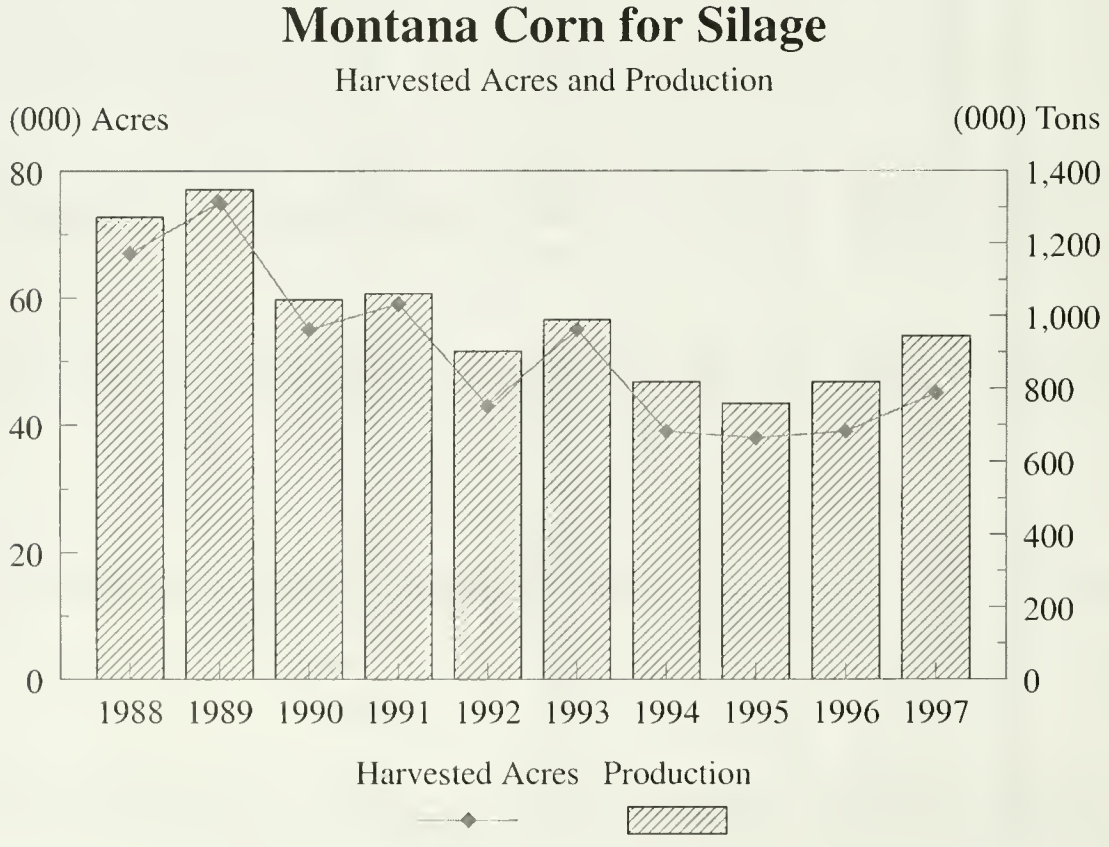
COUNTY & DISTRICT	IRRIGATED				NON-IRRIGATED			
	Planted Acres 1/	Harvested Acres	Yield Per Acre Bu	Production Bu	Planted Acre 1/	Harvested Acre	Yield Per Acre Bu	Production Bu
Deer Lodge	--	--	--	--	--	--	--	--
Flathead	--	--	--	--	--	--	--	--
Granite	--	--	--	--	--	--	--	--
Lake	1,100	800	94	75,000	500	400	73	29,000
Lincoln	--	--	--	--	--	--	--	--
Mineral	--	--	--	--	--	--	--	--
Missoula	--	--	--	--	--	--	--	--
Powell	700	600	73	44,000	600	500	48	24,000
Ravalli	--	--	--	--	--	--	--	--
Sanders	--	--	--	--	--	--	--	--
Other	2,700	1,600	82	131,000	1,400	600	62	37,000
NORTHWEST	**4,500**	**3,000**	**83**	**250,000**	**2,500**	**1,500**	**60**	**90,000**
Blaine	4,800	600	85	51,000	4,000	2,000	48	95,000
Chouteau	--	--	--	--	--	--	--	--
Glacier	--	--	--	--	--	--	--	--
Hill	--	--	--	--	--	--	--	--
Liberty	--	--	--	--	600	400	48	19,000
Phillips	2,100	400	100	40,000	6,300	1,500	42	63,000
Pondera	--	--	--	--	--	--	--	--
Teton	--	--	--	--	--	--	--	--
Toole	--	--	--	--	1,700	900	61	55,000
Other	1,100	600	82	49,000	9,900	4,500	51	228,000
N. CENTRAL	**8,000**	**1,600**	**88**	**140,000**	**22,500**	**9,300**	**49**	**460,000**
Daniels	--	--	--	--	3,200	900	39	35,000
Dawson	--	--	--	--	--	--	--	--
Garfield	--	--	--	--	5,900	3,700	43	158,000
McCone	--	--	--	--	--	--	--	--
Richland	1,400	1,000	106	106,000	10,800	5,300	49	262,000
Roosevelt	--	--	--	--	--	--	--	--
Sheridan	--	--	--	--	--	--	--	--
Valley	1,300	700	80	56,000	3,000	1,000	40	40,000
Other	1,300	700	99	69,000	20,600	8,100	36	290,000
NORTHEAST	**4,000**	**2,400**	**96**	**231,000**	**43,500**	**19,000**	**41**	**785,000**
Broadwater	--	--	--	--	--	--	--	--
Cascade	600	300	77	23,000	1,400	400	40	16,000
Fergus	--	--	--	--	--	--	--	--
Golden Valley	--	--	--	--	--	--	--	--
Judith Basin	--	--	--	--	--	--	--	--
Lewis & Clark	1,000	500	80	40,000	500	200	55	11,000
Meagher	--	--	--	--	--	--	--	--
Musselshell	900	500	68	34,000	1,700	1,100	41	45,000
Petroleum	--	--	--	--	--	--	--	--
Wheatland	600	500	70	35,000	1,000	900	59	53,000
Other	1,900	1,200	78	93,000	8,900	5,900	56	328,000
CENTRAL	**5,000**	**3,000**	**75**	**225,000**	**13,500**	**8,500**	**53**	**453,000**
Beaverhead	--	--	--	--	--	--	--	--
Gallatin	800	400	98	39,000	500	500	62	31,000
Jefferson	--	--	--	--	--	--	--	--
Madison	--	--	--	--	--	--	--	--
Silver Bow	--	--	--	--	--	--	--	--
Other	2,200	800	84	67,000	500	500	76	38,000
SOUTHWEST	**3,000**	**1,200**	**88**	**106,000**	**1,000**	**1,000**	**69**	**69,000**
Big Horn	500	500	92	46,000	1,400	1,100	42	46,000
Carbon	1,200	900	84	76,000	500	200	50	10,000
Park	--	--	--	--	--	--	--	--
Stillwater	--	--	--	--	--	--	--	--
Sweetgrass	1,300	600	62	37,000	500	400	58	23,000
Treasure	--	--	--	--	--	--	--	--
Yellowstone	1,000	400	93	37,000	600	400	43	17,000
Other	1,500	900	74	67,000	1,500	1,100	56	62,000
S. CENTRAL	**5,500**	**3,300**	**80**	**263,000**	**4,500**	**3,200**	**49**	**158,000**
Carter	--	--	--	--	4,000	1,900	39	75,000
Custer	800	600	95	57,000	1,900	900	47	42,000
Fallon	--	--	--	--	--	--	--	--
Powder River	--	--	--	--	--	--	--	--
Prairie	500	400	78	31,000	1,600	600	38	23,000
Rosebud	1,100	1,000	50	50,000	1,800	900	57	51,000
Wibaux	--	--	--	--	--	--	--	--
Other	600	500	64	32,000	10,200	6,200	42	259,000
SOUTHEAST	**3,000**	**2,500**	**68**	**170,000**	**19,500**	**10,500**	**43**	**450,000**
MONTANA	**33,000**	**17,000**	**81**	**1,385,000**	**107,000**	**53,000**	**47**	**2,465,000**

1/ Counties with less than 500 acres planted are combined into "other" counties to avoid disclosure of individual information

CORN: Acreage, Utilization, and Yield By Counties, 1996 1/

COUNTY & DISTRICT	Planted All Purposes Acres 2/	GRAIN			SILAGE		
		Harvested Acres	Yield Per Acre Bu	Production Bu.	Harvested Acres	Yield Per Acre Tons	Production Tons
NORTHWEST	**900**	**500**	**130**	**65,000**	**400**	**25**	**10,000**
N. CENTRAL	**500**	**--**	**--**	**--**	**500**	**21**	**10,500**
Dawson	2,900	1,600	124	199,000	1,200	18	21,000
Richland	5,300	900	122	110,000	4,300	18	77,000
Valley	900	--	--	--	900	19	16,700
Other	900	300	120	36,000	600	19	11,300
NORTHEAST	**10,000**	**2,800**	**123**	**345,000**	**7,000**	**18**	**126,000**
CENTRAL	**1,100**	**200**	**125**	**25,000**	**900**	**17**	**15,000**
Big Horn	2,500	600	120	72,000	1,900	21	39,900
Carbon	5,300	2,000	136	271,000	3,200	21	65,800
Stillwater	2,100	800	144	115,000	1,300	21	27,300
Treasure	4,800	1,600	166	265,000	3,100	23	71,600
Yellowstone	15,500	2,400	140	337,000	12,700	23	293,700
Other	300	--	--	--	300	22	6,700
S. CENTRAL	**30,500**	**7,400**	**143**	**1,060,000**	**22,500**	**22**	**505,000**
Custer	4,000	1,600	143	228,000	2,300	20	47,100
Prairie	2,700	1,600	129	207,000	1,100	19	20,800
Rosebud	4,800	700	140	98,000	4,000	20	78,600
Other	500	200	135	27,000	300	20	6,000
SOUTHEAST	**12,000**	**4,100**	**137**	**560,000**	**7,700**	**20**	**152,500**
MONTANA	**55,000**	**15,000**	**137**	**2,055,000**	**39,000**	**21**	**819,000**

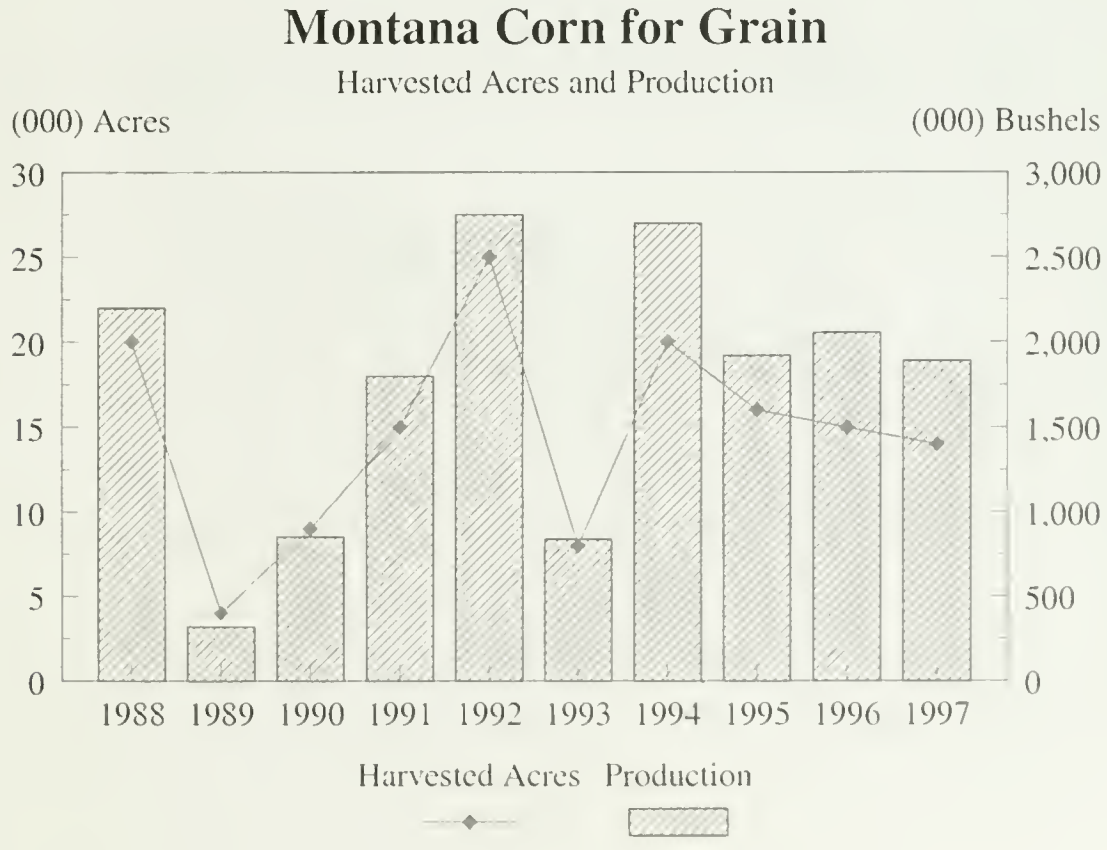
1/ Mostly irrigated.
2/ Counties with less than 500 acres planted are combined into "other" counties to avoid disclosure of individual information.



CORN: Acreage, Utilization, and Yield By Counties, 1997 1/

COUNTY & DISTRICT	Planted All Purposes Acres 2/	GRAIN			SILAGE		
		Harvested Acres	Yield Per Acre Bu	Production Bu	Harvested Acres	Yield Per Acre Tons	Production Tons
Lake	800	600	158	95,000	200	28	5,500
Other	200	100	150	15,000	100	25	2,500
NORTHWEST	**1,000**	**700**	**157**	**110,000**	**300**	**27**	**8,000**
N. CENTRAL	**900**	**--**	**--**	**--**	**700**	**21**	**15,000**
Dawson	3,700	1,600	116	185,000	2,100	18	37,000
Richland	6,000	1,000	105	105,000	5,000	19	93,000
Roosevelt	500	200	125	25,000	300	14	4,300
Valley	600	--	--	--	600	20	12,000
Other	700	--	--	--	500	13	6,700
NORTHEAST	**11,500**	**2,800**	**113**	**315,000**	**8,500**	**18**	**153,000**
CENTRAL	**1,100**	**--**	**--**	**--**	**1,000**	**14**	**14,000**
Big Horn	2,600	300	133	40,000	2,300	25	57,000
Carbon	5,500	2,000	135	270,000	3,500	23	82,000
Stillwater	2,500	300	167	50,000	2,100	21	45,000
Treasure	4,500	1,500	177	265,000	3,000	25	74,000
Yellowstone	15,700	2,200	143	315,000	13,400	23	303,000
Other	200	--	--	--	200	20	4,000
S. CENTRAL	**31,000**	**6,300**	**149**	**940,000**	**24,500**	**23**	**565,000**
Custer	5,100	2,000	143	285,000	3,000	19	58,000
Prairie	2,700	1,400	111	155,000	1,300	16	21,000
Rosebud	5,600	800	106	85,000	4,800	20	97,000
Other	1,100	--	--	--	900	16	14,000
SOUTHEAST	**14,500**	**4,200**	**125**	**525,000**	**10,000**	**19**	**190,000**
MONTANA	**60,000**	**14,000**	**135**	**1,890,000**	**45,000**	**21**	**945,000**

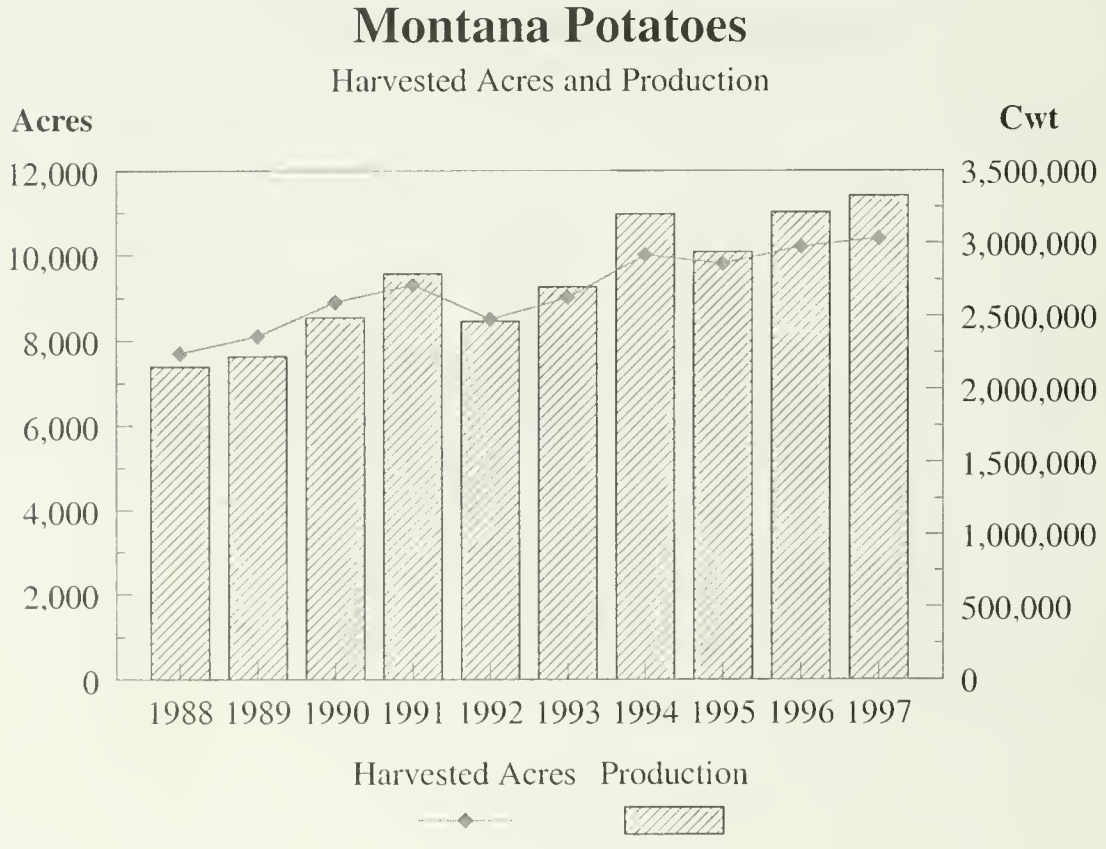
1/ Mostly irrigated.
2/ Counties with less than 500 acres planted are combined into "other" counties to avoid disclosure of individual information.



POTATOES: Principally Irrigated Acreage, Yield, & Production, By Counties & Districts, 1996-97

COUNTY & DISTRICT	1996				1997			
	Planted Acres 1/	Harvested Acres	Yield Per Acre	Production	Planted Acres 1/	Harvested Acres	Yield Per Acre	Production
			Hundredweight				Hundredweight	
Deer Lodge	800	790	305	241,000	600	600	240	143,000
Flathead	500	500	265	132,300	500	500	300	150,000
Lake	2,550	2,540	315	799,000	2,300	2,300	320	731,000
Other	70	70	255	17,700	100	100	260	26,000
NORTHWEST	**3,920**	**3,900**	**305**	**1,190,000**	**3,500**	**3,500**	**300**	**1,050,000**
Broadwater	900	890	345	306,500	870	870	340	296,000
Other	20	20	175	3,500	30	30	165	5,000
CENTRAL	**920**	**910**	**340**	**310,000**	**900**	**900**	**335**	**301,000**
Beaverhead	660	660	315	208,100	580	580	350	203,000
Gallatin	3,400	3,330	325	1,081,400	3,600	3,600	360	1,300,000
Madison	980	880	300	264,000	910	910	310	282,000
Other	100	100	375	37,500	110	110	300	33,000
SOUTHWEST	**5,140**	**4,970**	**320**	**1,591,000**	**5,200**	**5,200**	**350**	**1,818,000**
OTHER DISTRICTS	**420**	**420**	**290**	**122,000**	**800**	**800**	**200**	**159,000**
MONTANA	**10,400**	**10,200**	**315**	**3,213,000**	**10,400**	**10,400**	**320**	**3,328,000**

1/ Counties with less than 500 acres planted are combined into "other" counties to avoid disclosure of individual information.



SUGAR BEETS: All Irrigated Acreage, Yield, and Production, By Counties and Districts, 1996-97 1/

COUNTY & DISTRICT	1996					1997				
	Planted Acres	Harvested Acres	Yield Per Acre Tons	Production Tons	Sucrose Percent	Planted Acres	Harvested Acres	Yield Per Acre Tons	Production Tons	Sucrose Percent
Dawson	3,180	3,170	21.1	66,900	18.19	3,280	3,280	20.00	65,600	17.45
Richland	17,650	17,640	22.3	392,800	18.40	18,880	18,680	19.80	370,100	17.96
Roosevelt	910	910	17.4	15,800	18.91	1,410	1,290	18.40	23,700	18.42
Other	--	--	--	--	--	70	60	21.70	1,300	18.83
NORTHEAST	**21,740**	**21,720**	**21.9**	**475,500**	**18.39**	**23,640**	**23,310**	**19.80**	**460,700**	**17.91**
Big Horn	8,020	7,990	23.8	190,000	17.70	7,940	7,900	23.60	186,700	15.74
Carbon	6,700	6,690	20.5	137,400	17.02	6,600	6,310	19.40	122,700	16.44
Stillwater	820	820	21.3	17,500	16.87	750	690	20.40	14,100	16.27
Treasure	3,730	3,720	26.2	97,600	17.63	3,620	3,500	23.50	82,400	15.43
Yellowstone	10,010	9,940	23.1	230,000	17.46	10,370	9,930	22.20	220,900	16.46
S. CENTRAL	**29,280**	**29,160**	**23.1**	**672,500**	**17.45**	**29,280**	**28,330**	**22.10**	**626,800**	**16.10**
Custer	1,540	1,540	24.4	37,500	18.74	1,810	1,810	21.40	38,800	16.88
Prairie	2,840	2,830	21.2	60,000	18.62	3,090	3,030	19.40	58,700	17.28
Rosebud	2,300	2,250	24.2	54,500	18.24	2,080	1,820	21.40	39,000	16.03
SOUTHEAST	**6,680**	**6,620**	**23.0**	**152,000**	**18.51**	6,980	**6,660**	**20.50**	**136,500**	**16.81**
MONTANA	**57,700**	**57,500**	**22.6**	**1,300,000**	**17.92**	**59,900**	**58,300**	**21.0**	**1,224,000**	**16.86**

1/ Counties with individual operators having 60 percent or more of acres planted are combined into "other" counties to avoid disclosure of individual information.

DRY BEANS: All Irrigated Acreage, Yield, and Production By Counties and Districts, 1996-97 1/

COUNTY & DISTRICT	1996				1997			
	Planted Acres	Harvested Acres	Yield Per Acre Lbs.	Production Cwt.	Planted Acres 1/	Harvested Acres	Yield Per Acre Lbs.	Production Cwt.
N. CENTRAL	**400**	**400**	**2,000**	**8,000**	--	--	--	--
Dawson	1,800	1,700	2,180	37,000	2,200	2,100	1,900	39,900
Richland	1,400	1,400	2,070	29,000	1,000	1,000	2,200	22,000
Other	500	500	2,000	10,000	800	800	2,050	16,400
NORTHEAST	**3,700**	**3,600**	**2,110**	**76,000**	**4,000**	**3,900**	**2,010**	**78,300**
Big Horn	--	--	--	--	500	500	2,000	10,000
Carbon	2,600	2,500	2,400	60,000	2,900	2,800	2,340	65,500
Treasure	--	--	--	--	500	500	2,100	10,500
Yellowstone	1,100	1,100	2,180	24,000	1,400	1,300	2,260	29,400
Other	1,000	1,000	2,300	23,000	300	200	2,050	4,100
S. CENTRAL	**4,700**	**4,600**	**2,330**	**107,000**	**5,600**	**5,300**	**2,250**	**119,500**
Prairie	900	900	2,830	25,500	900	900	2,520	22,700
Rosebud	600	600	2,300	13,800	900	800	2,500	20,000
Other	200	200	2,350	4,700	200	200	2,450	4,900
SOUTHEAST	**1,700**	**1,700**	**2,590**	**44,000**	2,000	**1,900**	**2,510**	**47,600**
OTHER DISTRICTS	--	--	--	--	**600**	**600**	**1,930**	**11,600**
MONTANA	**10,500**	**10,300**	**2,280**	**235,000**	**12,200**	**11,700**	**2,200**	**257,000**

1/ Counties with individual operators having 60 percent or more of acres planted are combined into "other" counties to avoid disclosure of individual information

ALL HAY: Acreage, Yield, and Production by Counties and Districts, 1996

COUNTY & DISTRICT	ALL				IRRIGATED			NON-IRRIGATED		
	Harvested Acres	Yield Per Acre Tons	Production Tons	Production Rank	Harvested Acres	Yield Per Acre Tons	Production Tons	Harvested Acres	Yield Per Acre Tons	Production Tons
Deer Lodge	11,000	2.36	26,000	51	10,000	2.48	24,800	1,000	1.20	1,200
Flathead	35,000	2.37	83,000	28	16,500	2.97	49,000	18,500	1.84	34,000
Granite	31,000	2.68	83,000	27	29,500	2.71	80,000	1,500	2.00	3,000
Lake	62,000	2.65	164,000	5	46,000	3.04	140,000	16,000	1.50	24,000
Lincoln	11,000	1.53	16,800	55	6,000	1.67	10,000	5,000	1.36	6,800
Mineral	3,500	2.09	7,300	56	1,500	2.53	3,800	2,000	1.75	3,500
Missoula	22,500	2.56	57,700	38	17,500	2.88	50,400	5,000	1.46	7,300
Powell	54,000	2.59	139,800	7	48,500	2.72	132,000	5,500	1.42	7,800
Ravalli	43,000	3.07	131,900	9	40,000	3.20	128,000	3,000	1.30	3,900
Sanders	32,000	1.95	62,500	36	14,500	2.48	36,000	17,500	1.51	26,500
NORTHWEST	**305,000**	**2.53**	**772,000**	--	**230,000**	**2.84**	**654,000**	**75,000**	**1.57**	**118,000**
Blaine	66,000	1.86	123,000	12	37,000	2.46	91,000	29,000	1.10	32,000
Chouteau	43,000	1.26	54,000	40	5,500	3.09	17,000	37,500	0.99	37,000
Glacier	41,000	1.23	50,300	42	10,000	1.63	16,300	31,000	1.10	34,000
Hill	22,000	1.30	28,500	49	2,500	2.60	6,500	19,500	1.13	22,000
Liberty	14,000	1.46	20,500	54	3,500	2.00	7,000	10,500	1.29	13,500
Phillips	82,000	1.43	117,500	13	36,000	1.97	71,000	46,000	1.01	46,500
Pondera	35,000	2.07	72,600	31	15,500	3.09	47,900	19,500	1.27	24,700
Teton	62,000	2.52	156,500	6	41,000	3.24	133,000	21,000	1.12	23,500
Toole	15,000	1.41	21,100	53	3,000	2.43	7,300	12,000	1.15	13,800
N. CENTRAL	**380,000**	**1.69**	**644,000**	--	**154,000**	**2.58**	**397,000**	**226,000**	**1.09**	**247,000**
Daniels	22,000	1.45	31,800	48	2,500	2.12	5,300	19,500	1.36	26,500
Dawson	44,000	1.75	77,100	30	8,000	3.95	31,600	36,000	1.26	45,500
Garfield	35,000	1.24	43,400	45	4,500	2.53	11,400	30,500	1.05	32,000
McCone	32,000	1.54	49,300	43	6,500	2.43	15,800	25,500	1.31	33,500
Richland	50,000	1.59	79,300	29	9,000	3.81	34,300	41,000	1.10	45,000
Roosevelt	45,000	1.40	63,000	35	9,000	2.44	22,000	36,000	1.14	41,000
Sheridan	36,000	1.53	55,100	39	3,500	2.74	9,600	32,500	1.40	45,500
Valley	51,000	2.10	107,000	16	27,000	3.04	82,000	24,000	1.04	25,000
NORTHEAST	**315,000**	**1.61**	**506,000**	--	**70,000**	**3.03**	**212,000**	**245,000**	**1.20**	**294,000**
Broadwater	28,000	3.30	92,400	24	26,000	3.46	90,000	2,000	1.20	2,400
Cascade	85,000	1.45	123,500	11	18,000	2.94	53,000	67,000	1.05	70,500
Fergus	151,000	1.14	172,000	4	13,000	2.54	33,000	138,000	1.01	139,000
Golden Valley	28,000	1.90	53,100	41	10,500	3.05	32,000	17,500	1.21	21,100
Judith Basin	79,000	1.46	115,000	15	10,500	2.19	23,000	68,500	1.34	92,000
Lewis & Clark	44,000	2.33	102,300	19	30,000	2.97	89,000	14,000	0.95	13,300
Meagher	52,000	1.87	97,300	21	44,000	2.00	88,000	8,000	1.16	9,300
Musselshell	32,000	1.83	58,600	37	9,000	3.22	29,000	23,000	1.29	29,600
Petroleum	25,000	1.78	44,600	44	12,000	2.33	28,000	13,000	1.28	16,600
Wheatland	41,000	1.69	69,200	33	25,000	2.16	54,000	16,000	0.95	15,200
CENTRAL	**565,000**	**1.64**	**928,000**	--	**198,000**	**2.62**	**519,000**	**367,000**	**1.11**	**409,000**
Beaverhead	132,000	2.33	307,500	1	120,000	2.38	286,000	12,000	1.79	21,500
Gallatin	80,000	2.84	227,000	2	54,000	3.48	188,000	26,000	1.50	39,000
Jefferson	27,000	2.60	70,300	32	24,000	2.75	66,000	3,000	1.43	4,300
Madison	81,000	2.75	223,100	3	77,000	2.79	215,000	4,000	2.03	8,100
Silver Bow	10,000	2.81	28,100	50	8,000	3.13	25,000	2,000	1.55	3,100
SOUTHWEST	**330,000**	**2.59**	**856,000**	--	**283,000**	**2.76**	**780,000**	**47,000**	**1.62**	**76,000**
Big Horn	57,000	2.06	117,500	14	19,500	3.08	60,000	37,500	1.53	57,500
Carbon	60,000	2.20	132,000	8	42,500	2.68	114,000	17,500	1.03	18,000
Park	54,000	1.84	99,500	20	42,000	2.05	86,000	12,000	1.13	13,500
Stillwater	59,000	1.46	86,300	26	16,500	2.73	45,000	42,500	0.97	41,300
Sweetgrass	54,000	1.91	103,400	18	36,500	2.33	85,000	17,500	1.05	18,400
Treasure	14,000	2.84	39,800	46	7,000	4.29	30,000	7,000	1.40	9,800
Yellowstone	52,000	2.45	127,500	10	24,000	4.04	97,000	28,000	1.09	30,500
S. CENTRAL	**350,000**	**2.02**	**706,000**	--	**188,000**	**2.75**	**517,000**	**162,000**	**1.17**	**189,000**
Carter	82,000	1.29	105,800	17	5,000	1.76	8,800	77,000	1.26	97,000
Custer	51,000	1.83	93,200	23	17,000	3.54	60,200	34,000	0.97	33,000
Fallon	61,000	1.06	64,900	34	3,000	1.97	5,900	58,000	1.02	59,000
Powder River	71,000	1.36	96,400	22	8,000	2.80	22,400	63,000	1.17	74,000
Prairie	21,000	1.67	35,000	47	5,500	3.27	18,000	15,500	1.10	17,000
Rosebud	47,000	1.85	86,800	25	17,000	3.11	52,800	30,000	1.13	34,000
Wibaux	22,000	1.18	25,900	52	1,500	1.93	2,900	20,500	1.12	23,000
SOUTHEAST	**355,000**	**1.43**	**508,000**	--	**57,000**	**3.00**	**171,000**	**298,000**	**1.13**	**337,000**
MONTANA	**2,600,000**	**1.89**	**4,920,000**	--	**1,180,000**	**2.75**	**3,250,000**	**1,420,000**	**1.18**	**1,670,000**

ALL HAY: Acreage, Yield, and Production by Counties and Districts, 1997

COUNTY & DISTRICT	ALL				IRRIGATED			NON-IRRIGATED		
	Harvested Acres	Yield Per Acre Tons	Production Tons	Rank	Harvested Acres	Yield Per Acre Tons	Pro-duction Tons	Harvested Acres	Yield Per Acre Tons	Pro-dustion Tons
Deer Lodge	12,000	1.96	23,500	51	11,000	1.95	21,500	1,000	2.00	2,000
Flathead	36,000	2.78	100,000	23	15,000	3.30	49,500	21,000	2.40	50,500
Granite	31,000	2.47	76,500	34	29,500	2.51	74,000	1,500	1.67	2,500
Lake	66,000	3.05	201,000	5	50,500	3.34	168,500	15,500	2.10	32,500
Lincoln	11,000	1.77	19,500	55	6,500	2.08	13,500	4,500	1.33	6,000
Mineral	3,000	2.67	8,000	56	1,500	2.67	4,000	1,500	2.67	4,000
Missoula	22,000	2.77	61,000	39	16,500	2.91	48,000	5,500	2.36	13,000
Powell	54,000	2.45	132,500	15	48,500	2.52	122,000	5,500	1.91	10,500
Ravalli	43,000	3.13	134,500	13	41,000	3.20	131,000	2,000	1.75	3,500
Sanders	32,000	2.30	73,500	35	15,000	2.87	43,000	17,000	1.79	30,500
NORTHWEST	**310,000**	**2.68**	**830,000**	--	**235,000**	**2.87**	**675,000**	**75,000**	**2.07**	**155,000**
Blaine	68,000	2.03	138,000	12	35,000	2.93	102,500	33,000	1.08	35,500
Chouteau	44,000	1.52	67,000	36	4,500	3.67	16,500	39,500	1.28	50,500
Glacier	50,000	1.68	84,000	29	12,000	2.42	29,000	38,000	1.45	55,000
Hill	25,000	1.14	28,500	48	3,500	2.14	7,500	21,500	0.98	21,000
Liberty	12,000	1.92	23,000	53	4,000	2.88	11,500	8,000	1.44	11,500
Phillips	83,000	1.55	129,000	17	46,000	1.84	84,500	37,000	1.20	44,500
Pondera	36,000	2.47	89,000	27	16,500	3.58	59,000	19,500	1.54	30,000
Teton	60,000	2.67	160,000	7	40,000	3.28	131,000	20,000	1.45	29,000
Toole	17,000	1.26	21,500	54	3,500	2.43	8,500	13,500	0.96	13,000
N. CENTRAL	**395,000**	**1.87**	**740,000**	--	**165,000**	**2.73**	**450,000**	**230,000**	**1.26**	**290,000**
Daniels	22,000	1.27	28,000	49	2,000	3.75	7,500	20,000	1.02	20,500
Dawson	38,000	1.61	61,000	38	8,500	3.53	30,000	29,500	1.05	31,000
Garfield	29,000	1.59	46,000	44	6,500	3.31	21,500	22,500	1.09	24,500
McCone	37,000	1.34	49,500	41	5,000	2.80	14,000	32,000	1.11	35,500
Richland	47,000	1.73	81,500	30	8,500	4.18	35,500	38,500	1.19	46,000
Roosevelt	46,000	1.70	78,000	33	9,500	4.21	40,000	36,500	1.04	38,000
Sheridan	36,000	1.19	43,000	45	3,500	3.00	10,500	32,500	1.00	32,500
Valley	50,000	2.32	116,000	20	26,500	3.36	89,000	23,500	1.15	27,000
NORTHEAST	**305,000**	**1.65**	**503,000**	--	**70,000**	**3.54**	**248,000**	**235,000**	**1.09**	**255,000**
Broadwater	29,000	3.66	106,000	22	26,000	3.85	100,000	3,000	2.00	6,000
Cascade	87,000	1.79	156,000	8	22,000	3.09	68,000	65,000	1.35	88,000
Fergus	148,000	1.66	245,000	3	11,000	3.00	33,000	137,000	1.55	212,000
Golden Valley	25,000	1.96	49,000	42	8,000	3.25	26,000	17,000	1.35	23,000
Judith Basin	71,000	1.87	133,000	14	8,000	2.88	23,000	63,000	1.75	110,000
Lewis & Clark	46,000	3.23	148,500	10	31,500	3.78	119,000	14,500	2.03	29,500
Meagher	54,000	2.68	144,500	11	45,500	2.88	131,000	8,500	1.59	13,500
Musselshell	28,000	2.11	59,000	40	8,500	4.12	35,000	19,500	1.23	24,000
Petroleum	24,000	2.04	49,000	43	13,500	2.85	38,500	10,500	1.00	10,500
Wheatland	38,000	2.11	80,000	32	21,000	2.45	51,500	17,000	1.68	28,500
CENTRAL	**550,000**	**2.13**	**1,170,000**	--	**195,000**	**3.21**	**625,000**	**355,000**	**1.54**	**545,000**
Beaverhead	125,000	2.42	302,500	1	118,000	2.47	291,000	7,000	1.64	11,500
Gallatin	73,000	3.05	222,500	4	47,000	3.53	166,000	26,000	2.17	56,500
Jefferson	28,000	3.23	90,500	26	23,000	3.50	80,500	5,000	2.00	10,000
Madison	90,000	2.84	256,000	2	84,500	2.91	246,000	5,500	1.82	10,000
Silver Bow	9,000	2.61	23,500	52	7,500	2.87	21,500	1,500	1.33	2,000
SOUTHWEST	**325,000**	**2.75**	**895,000**	--	**280,000**	**2.88**	**805,000**	**45,000**	**2.00**	**90,000**
Big Horn	63,000	2.46	155,000	9	15,500	4.58	71,000	47,500	1.77	84,000
Carbon	62,000	2.64	163,500	6	39,000	3.36	131,000	23,000	1.41	32,500
Park	55,000	2.38	131,000	16	42,000	2.57	108,000	13,000	1.77	23,000
Stillwater	60,000	1.63	97,500	25	15,500	2.90	45,000	44,500	1.18	52,500
Sweetgrass	58,000	2.13	123,500	19	38,500	2.52	97,000	19,500	1.36	26,500
Treasure	15,000	2.73	41,000	46	6,500	4.23	27,500	8,500	1.59	13,500
Yellowstone	52,000	2.41	125,500	18	25,000	3.90	97,500	27,000	1.04	28,000
S. CENTRAL	**365,000**	**2.29**	**837,000**	--	**182,000**	**3.17**	**577,000**	**183,000**	**1.42**	**260,000**
Carter	82,000	0.98	80,500	31	3,000	2.00	6,000	79,000	0.94	74,500
Custer	51,000	2.19	111,500	21	17,500	4.40	77,000	33,500	1.03	34,500
Fallon	61,000	1.06	64,500	37	3,000	2.50	7,500	58,000	0.98	57,000
Powder River	70,000	1.40	98,000	24	8,000	3.06	24,500	62,000	1.19	73,500
Prairie	19,000	1.92	36,500	47	5,500	3.55	19,500	13,500	1.26	17,000
Rosebud	46,000	1.92	88,500	28	15,000	3.53	53,000	31,000	1.15	35,500
Wibaux	21,000	1.21	25,500	50	1,000	2.50	2,500	20,000	1.15	23,000
SOUTHEAST	**350,000**	**1.44**	**505,000**	--	**53,000**	**3.58**	**190,000**	**297,000**	**1.06**	**315,000**
MONTANA	**2,600,000**	**2.11**	**5,480,000**	--	**1,180,000**	**3.03**	**3,570,000**	**1,420,000**	**1.35**	**1,910,000**

ALFALFA HAY: Acreage, Yield, and Production by Counties and Districts, 1996

COUNTY & DISTRICT	ALL			IRRIGATED			NON-IRRIGATED		
	Harvested Acres	Yield Per Acre Tons	Production Tons	Harvested Acres	Yield Per Acre Ton	Production Tons	Harvested Acres	Yield Per Acre Tons	Production Tons
Deer Lodge	6,000	2.9	17,500	5,500	3.1	17,000	500	1.0	500
Flathead	25,000	2.6	66,000	11,000	3.5	39,000	14,000	1.9	27,000
Granite	12,000	3.1	37,500	11,500	3.2	37,000	500	1.0	500
Lake	50,000	2.9	143,000	38,000	3.3	124,000	12,000	1.6	19,000
Lincoln	7,000	1.6	11,500	4,500	1.7	7,500	2,500	1.6	4,000
Mineral	2,500	2.4	6,000	1,000	3.0	3,000	1,500	2.0	3,000
Missoula	16,500	2.8	47,000	13,000	3.2	41,500	3,500	1.6	5,500
Powell	24,000	3.0	72,000	20,500	3.3	67,000	3,500	1.4	5,000
Ravalli	26,000	3.6	93,000	24,000	3.8	91,000	2,000	1.0	2,000
Sanders	21,000	2.0	41,500	11,000	2.5	28,000	10,000	1.4	13,500
NORTHWEST	**190,000**	**2.8**	**535,000**	**140,000**	**3.3**	**455,000**	**50,000**	**1.6**	**80,000**
Blaine	45,000	2.2	97,000	29,000	2.8	80,000	16,000	1.1	17,000
Chouteau	27,000	1.5	40,000	5,000	3.2	16,000	22,000	1.1	24,000
Glacier	24,000	1.4	33,000	7,000	1.9	13,000	17,000	1.2	20,000
Hill	12,000	1.5	17,500	2,000	2.8	5,500	10,000	1.2	12,000
Liberty	8,000	1.3	10,500	2,500	2.0	5,000	5,500	1.0	5,500
Phillips	42,000	1.9	78,000	21,000	2.4	50,000	21,000	1.3	28,000
Pondera	27,000	2.3	62,000	14,000	3.2	45,000	13,000	1.3	17,000
Teton	40,000	2.7	108,000	27,000	3.5	94,000	13,000	1.1	14,000
Toole	10,000	1.4	14,000	2,500	2.6	6,500	7,500	1.0	7,500
N. CENTRAL	**235,000**	**2.0**	**460,000**	**110,000**	**2.9**	**315,000**	**125,000**	**1.2**	**145,000**
Daniels	10,000	1.6	15,500	2,000	2.3	4,500	8,000	1.4	11,000
Dawson	23,000	2.1	49,000	7,000	4.1	29,000	16,000	1.3	20,000
Garfield	20,000	1.4	28,000	3,500	2.9	10,000	16,500	1.1	18,000
McCone	12,000	1.8	21,500	5,500	2.5	14,000	6,500	1.2	7,500
Richland	28,000	1.9	54,000	7,000	4.4	31,000	21,000	1.1	23,000
Roosevelt	25,000	1.6	39,000	7,000	2.7	19,000	18,000	1.1	20,000
Sheridan	15,000	1.6	24,000	3,000	2.8	8,500	12,000	1.3	15,500
Valley	37,000	2.4	89,000	22,000	3.4	74,000	15,000	1.0	15,000
NORTHEAST	**170,000**	**1.9**	**320,000**	**57,000**	**3.3**	**190,000**	**113,000**	**1.2**	**130,000**
Broadwater	23,000	3.6	83,000	22,000	3.7	82,000	1,000	1.0	1,000
Cascade	65,000	1.5	98,000	14,000	3.3	46,000	51,000	1.0	52,000
Fergus	113,000	1.1	129,000	10,000	2.4	24,000	103,000	1.0	105,000
Golden Valley	22,000	1.9	42,500	8,500	3.1	26,000	13,500	1.2	16,500
Judith Basin	61,000	1.4	86,000	8,500	2.2	19,000	52,500	1.3	67,000
Lewis & Clark	32,000	2.7	87,000	24,000	3.3	79,000	8,000	1.0	8,000
Meagher	22,000	2.6	56,500	19,000	2.7	52,000	3,000	1.5	4,500
Musselshell	25,000	1.9	48,000	8,000	3.3	26,000	17,000	1.3	22,000
Petroleum	17,000	2.1	35,000	10,000	2.5	25,000	7,000	1.4	10,000
Wheatland	25,000	1.8	45,000	16,000	2.3	36,000	9,000	1.0	9,000
CENTRAL	**405,000**	**1.8**	**710,000**	**140,000**	**3.0**	**415,000**	**265,000**	**1.1**	**295,000**
Beaverhead	49,000	3.4	168,000	45,000	3.6	160,000	4,000	2.0	8,000
Gallatin	67,000	3.0	200,000	47,000	3.6	170,000	20,000	1.5	30,000
Jefferson	18,000	3.1	56,000	16,000	3.3	53,000	2,000	1.5	3,000
Madison	60,000	3.0	177,000	57,000	3.0	170,000	3,000	2.3	7,000
Silver Bow	6,000	3.2	19,000	5,000	3.4	17,000	1,000	2.0	2,000
SOUTHWEST	**200,000**	**3.1**	**620,000**	**170,000**	**3.4**	**570,000**	**30,000**	**1.7**	**50,000**
Big Horn	50,000	2.2	108,000	17,500	3.2	56,000	32,500	1.6	52,000
Carbon	40,000	2.2	87,000	23,500	3.0	70,000	16,500	1.0	17,000
Park	43,000	2.0	84,500	34,000	2.2	74,000	9,000	1.2	10,500
Stillwater	44,000	1.4	63,000	10,500	2.6	27,000	33,500	1.1	36,000
Sweetgrass	39,000	2.1	81,500	26,500	2.5	67,000	12,500	1.2	14,500
Treasure	11,000	3.0	33,000	5,500	4.5	25,000	5,500	1.5	8,000
Yellowstone	38,000	2.7	103,000	17,500	4.6	81,000	20,500	1.1	22,000
S. CENTRAL	**265,000**	**2.1**	**560,000**	**135,000**	**3.0**	**400,000**	**130,000**	**1.2**	**160,000**
Carter	55,000	1.1	63,000	4,000	1.8	7,000	51,000	1.1	56,000
Custer	34,000	2.3	78,000	15,000	3.8	57,000	19,000	1.1	21,000
Fallon	39,000	1.1	43,000	2,500	2.0	5,000	36,500	1.0	38,000
Powder River	53,000	1.5	77,000	7,000	3.0	21,000	46,000	1.2	56,000
Prairie	10,000	2.3	23,000	4,500	3.6	16,000	5,500	1.3	7,000
Rosebud	32,000	2.1	67,000	14,000	3.4	47,000	18,000	1.1	20,000
Wibaux	12,000	1.2	14,000	1,000	2.0	2,000	11,000	1.1	12,000
SOUTHEAST	**235,000**	**1.6**	**365,000**	**48,000**	**3.2**	**155,000**	**187,000**	**1.1**	**210,000**
MONTANA	**1,700,000**	**2.1**	**3,570,000**	**800,000**	**3.1**	**2,500,000**	**900,000**	**1.2**	**1,070,000**

ALFALFA HAY: Acreage, Yield, and Production by Counties and Districts, 1997

COUNTY & DISTRICT	ALL			IRRIGATED			NON-IRRIGATED		
	Harvested Acres	Yield Per Acre Tons	Production Tons	Harvested Acres	Yield Per Acre Tons	Production Tons	Harvested Acres	Yield Per Acre Tons	Production Tons
Deer Lodge	5,000	2.7	13,500	4,500	2.8	12,500	500	2.0	1,000
Flathead	24,000	3.2	76,000	10,000	3.8	38,000	14,000	2.7	38,000
Granite	11,000	2.9	32,000	10,500	3.0	31,000	500	2.0	1,000
Lake	51,000	3.3	170,000	40,000	3.6	145,000	11,000	2.3	25,000
Lincoln	7,000	1.9	13,500	5,000	2.2	11,000	2,000	1.3	2,500
Mineral	2,000	3.0	6,000	1,000	3.0	3,000	1,000	3.0	3,000
Missoula	14,000	3.2	44,500	11,000	3.4	37,500	3,000	2.3	7,000
Powell	22,000	3.2	69,500	20,000	3.2	64,000	2,000	2.8	5,500
Ravalli	22,000	4.0	87,000	21,000	4.0	85,000	1,000	2.0	2,000
Sanders	22,000	2.6	58,000	12,000	3.2	38,000	10,000	2.0	20,000
NORTHWEST	**180,000**	**3.2**	**570,000**	**135,000**	**3.4**	**465,000**	**45,000**	**2.3**	**105,000**
Blaine	40,000	2.5	99,500	24,000	3.4	80,500	16,000	1.2	19,000
Chouteau	27,000	1.7	46,500	3,500	4.1	14,500	23,500	1.4	32,000
Glacier	25,000	1.9	46,500	7,500	2.9	21,500	17,500	1.4	25,000
Hill	13,000	1.3	17,000	3,000	2.2	6,500	10,000	1.1	10,500
Liberty	7,000	2.1	15,000	3,000	3.3	10,000	4,000	1.3	5,000
Phillips	36,000	2.0	73,000	20,000	2.7	53,000	16,000	1.3	20,000
Pondera	26,000	2.9	75,000	14,000	4.0	55,500	12,000	1.6	19,500
Teton	38,000	3.3	125,500	27,000	3.9	106,000	11,000	1.8	19,500
Toole	13,000	1.3	17,000	3,000	2.5	7,500	10,000	1.0	9,500
N. CENTRAL	**225,000**	**2.3**	**515,000**	**105,000**	**3.4**	**355,000**	**120,000**	**1.3**	**160,000**
Daniels	11,000	1.5	16,500	1,500	4.0	6,000	9,500	1.1	10,500
Dawson	18,000	2.2	39,500	7,500	3.6	27,000	10,500	1.2	12,500
Garfield	17,000	1.8	31,000	5,500	3.5	19,500	11,500	1.0	11,500
McCone	12,000	2.0	24,000	4,000	3.0	12,000	8,000	1.5	12,000
Richland	23,000	2.4	55,000	6,500	4.8	31,500	16,500	1.4	23,500
Roosevelt	23,000	2.3	53,500	6,500	4.7	30,500	16,500	1.4	23,000
Sheridan	15,000	1.5	22,500	3,000	3.2	9,500	12,000	1.1	13,000
Valley	36,000	2.7	96,000	20,500	3.8	77,000	15,500	1.2	19,000
NORTHEAST	**155,000**	**2.2**	**338,000**	**55,000**	**3.9**	**213,000**	**100,000**	**1.3**	**125,000**
Broadwater	24,000	3.9	94,500	22,500	4.0	91,000	1,500	2.3	3,500
Cascade	66,000	1.9	124,000	15,500	3.5	55,000	50,500	1.4	69,000
Fergus	115,000	1.6	186,000	8,000	3.1	25,000	107,000	1.5	161,000
Golden Valley	21,000	2.0	43,000	7,000	3.3	23,000	14,000	1.4	20,000
Judith Basin	57,000	1.9	110,000	6,000	3.2	19,000	51,000	1.8	91,000
Lewis & Clark	33,000	3.7	122,000	25,000	4.2	106,000	8,000	2.0	16,000
Meagher	21,000	3.1	66,000	17,500	3.4	60,000	3,500	1.7	6,000
Musselshell	23,000	2.2	49,500	7,500	4.3	32,000	15,500	1.1	17,500
Petroleum	17,000	2.2	37,000	11,000	2.8	31,000	6,000	1.0	6,000
Wheatland	23,000	2.3	53,000	15,000	2.5	38,000	8,000	1.9	15,000
CENTRAL	**400,000**	**2.2**	**885,000**	**135,000**	**3.6**	**480,000**	**265,000**	**1.5**	**405,000**
Beaverhead	48,000	3.6	173,500	45,000	3.7	168,000	3,000	1.8	5,500
Gallatin	59,000	3.3	194,500	39,000	3.8	149,000	20,000	2.3	45,500
Jefferson	17,000	3.5	59,000	14,500	3.7	53,500	2,500	2.2	5,500
Madison	61,000	3.2	193,000	57,000	3.2	185,000	4,000	2.0	8,000
Silver Bow	5,000	3.0	15,000	4,500	3.2	14,500	500	1.0	500
SOUTHWEST	**190,000**	**3.3**	**635,000**	**160,000**	**3.6**	**570,000**	**30,000**	**2.2**	**65,000**
Big Horn	52,000	2.7	139,500	13,500	4.9	66,000	38,500	1.9	73,500
Carbon	42,000	2.7	112,500	22,000	3.9	85,000	20,000	1.4	27,500
Park	42,000	2.5	105,000	33,000	2.7	89,000	9,000	1.8	16,000
Stillwater	45,000	1.7	74,500	10,000	3.3	33,000	35,000	1.2	41,500
Sweetgrass	38,000	2.1	81,000	24,000	2.6	62,000	14,000	1.4	19,000
Treasure	11,000	2.9	31,500	4,500	4.9	22,000	6,500	1.5	9,500
Yellowstone	35,000	2.7	93,000	18,000	4.2	75,000	17,000	1.1	18,000
S. CENTRAL	**265,000**	**2.4**	**637,000**	**125,000**	**3.5**	**432,000**	**140,000**	**1.5**	**205,000**
Carter	58,000	1.1	61,500	2,500	2.0	5,000	55,500	1.0	56,500
Custer	35,000	2.6	91,500	15,000	4.7	71,000	20,000	1.0	20,500
Fallon	37,000	1.1	41,000	2,000	3.0	6,000	35,000	1.0	35,000
Powder River	53,000	1.4	74,000	7,500	3.1	23,500	45,500	1.1	50,500
Prairie	9,000	2.9	26,000	4,000	4.4	17,500	5,000	1.7	8,500
Rosebud	32,000	2.3	73,500	13,500	3.7	50,500	18,500	1.2	23,000
Wibaux	11,000	1.1	12,500	500	3.0	1,500	10,500	1.0	11,000
SOUTHEAST	**235,000**	**1.6**	**380,000**	**45,000**	**3.9**	**175,000**	**190,000**	**1.1**	**205,000**
MONTANA	**1,650,000**	**2.4**	**3,960,000**	**760,000**	**3.5**	**2,690,000**	**890,000**	**1.4**	**1,270,000**

ALL OTHER HAY: Acreage, Yield, and Production by Counties and Districts, 1996

COUNTY & DISTRICT	ALL			IRRIGATED			NON-IRRIGATED		
	Harvested Acres	Yield Per Acre Tons	Production Tons	Harvested Acres	Yield Per Acre Tons	Production Tons	Harvested Acres	Yield Per Acre Tons	Production Tons
Deer Lodge	5,000	1.7	8,500	4,500	1.7	7,800	500	1.4	700
Flathead	10,000	1.7	17,000	5,500	1.8	10,000	4,500	1.6	7,000
Granite	19,000	2.4	45,500	18,000	2.4	43,000	1,000	2.5	2,500
Lake	12,000	1.8	21,000	8,000	2.0	16,000	4,000	1.3	5,000
Lincoln	4,000	1.3	5,300	1,500	1.7	2,500	2,500	1.1	2,800
Mineral	1,000	1.3	1,300	500	1.6	800	500	1.0	500
Missoula	6,000	1.8	10,700	4,500	2.0	8,900	1,500	1.2	1,800
Powell	30,000	2.3	67,800	28,000	2.3	65,000	2,000	1.4	2,800
Ravalli	17,000	2.3	38,900	16,000	2.3	37,000	1,000	1.9	1,900
Sanders	11,000	1.9	21,000	3,500	2.3	8,000	7,500	1.7	13,000
NORTHWEST	**115,000**	**2.1**	**237,000**	**90,000**	**2.2**	**199,000**	**25,000**	**1.5**	**38,000**
Blaine	21,000	1.2	26,000	8,000	1.4	11,000	13,000	1.2	15,000
Chouteau	16,000	0.9	14,000	500	2.0	1,000	15,500	0.8	13,000
Glacier	17,000	1.0	17,300	3,000	1.1	3,300	14,000	1.0	14,000
Hill	10,000	1.1	11,000	500	2.0	1,000	9,500	1.1	10,000
Liberty	6,000	1.7	10,000	1,000	2.0	2,000	5,000	1.6	8,000
Phillips	40,000	1.0	39,500	15,000	1.4	21,000	25,000	0.7	18,500
Pondera	8,000	1.3	10,600	1,500	1.9	2,900	6,500	1.2	7,700
Teton	22,000	2.2	48,500	14,000	2.8	39,000	8,000	1.2	9,500
Toole	5,000	1.4	7,100	500	1.6	800	4,500	1.4	6,300
N. CENTRAL	**145,000**	**1.3**	**184,000**	**44,000**	**1.9**	**82,000**	**101,000**	**1.0**	**102,000**
Daniels	12,000	1.4	16,300	500	1.6	800	11,500	1.3	15,500
Dawson	21,000	1.3	28,100	1,000	2.6	2,600	20,000	1.3	25,500
Garfield	15,000	1.0	15,400	1,000	1.4	1,400	14,000	1.0	14,000
McCone	20,000	1.4	27,800	1,000	1.8	1,800	19,000	1.4	26,000
Richland	22,000	1.2	25,300	2,000	1.7	3,300	20,000	1.1	22,000
Roosevelt	20,000	1.2	24,000	2,000	1.5	3,000	18,000	1.2	21,000
Sheridan	21,000	1.5	31,100	500	2.2	1,100	20,500	1.5	30,000
Valley	14,000	1.3	18,000	5,000	1.6	8,000	9,000	1.1	10,000
NORTHEAST	**145,000**	**1.3**	**186,000**	**13,000**	**1.7**	**22,000**	**132,000**	**1.2**	**164,000**
Broadwater	5,000	1.9	9,400	4,000	2.0	8,000	1,000	1.4	1,400
Cascade	20,000	1.3	25,500	4,000	1.8	7,000	16,000	1.2	18,500
Fergus	38,000	1.1	43,000	3,000	3.0	9,000	35,000	1.0	34,000
Golden Valley	6,000	1.8	10,600	2,000	3.0	6,000	4,000	1.2	4,600
Judith Basin	18,000	1.6	29,000	2,000	2.0	4,000	16,000	1.6	25,000
Lewis & Clark	12,000	1.3	15,300	6,000	1.7	10,000	6,000	0.9	5,300
Meagher	30,000	1.4	40,800	25,000	1.4	36,000	5,000	1.0	4,800
Musselshell	7,000	1.5	10,600	1,000	3.0	3,000	6,000	1.3	7,600
Petroleum	8,000	1.2	9,600	2,000	1.5	3,000	6,000	1.1	6,600
Wheatland	16,000	1.5	24,200	9,000	2.0	18,000	7,000	0.9	6,200
CENTRAL	**160,000**	**1.4**	**218,000**	**58,000**	**1.8**	**104,000**	**102,000**	**1.1**	**114,000**
Beaverhead	83,000	1.7	139,500	75,000	1.7	126,000	8,000	1.7	13,500
Gallatin	13,000	2.1	27,000	7,000	2.6	18,000	6,000	1.5	9,000
Jefferson	9,000	1.6	14,300	8,000	1.6	13,000	1,000	1.3	1,300
Madison	21,000	2.2	46,100	20,000	2.3	45,000	1,000	1.1	1,100
Silver Bow	4,000	2.3	9,100	3,000	2.7	8,000	1,000	1.1	1,100
SOUTHWEST	**130,000**	**1.8**	**236,000**	**113,000**	**1.9**	**210,000**	**17,000**	**1.5**	**26,000**
Big Horn	7,000	1.4	9,500	2,000	2.0	4,000	5,000	1.1	5,500
Carbon	20,000	2.3	45,000	19,000	2.3	44,000	1,000	1.0	1,000
Park	11,000	1.4	15,000	8,000	1.5	12,000	3,000	1.0	3,000
Stillwater	15,000	1.6	23,300	6,000	3.0	18,000	9,000	0.6	5,300
Sweetgrass	15,000	1.5	21,900	10,000	1.8	18,000	5,000	0.8	3,900
Treasure	3,000	2.3	6,800	1,500	3.3	5,000	1,500	1.2	1,800
Yellowstone	14,000	1.8	24,500	6,500	2.5	16,000	7,500	1.1	8,500
S. CENTRAL	**85,000**	**1.7**	**146,000**	**53,000**	**2.2**	**117,000**	**32,000**	**0.9**	**29,000**
Carter	27,000	1.6	42,800	1,000	1.8	1,800	26,000	1.6	41,000
Custer	17,000	0.9	15,200	2,000	1.6	3,200	15,000	0.8	12,000
Fallon	22,000	1.0	21,900	500	1.8	900	21,500	1.0	21,000
Powder River	18,000	1.1	19,400	1,000	1.4	1,400	17,000	1.1	18,000
Prairie	11,000	1.1	12,000	1,000	2.0	2,000	10,000	1.0	10,000
Rosebud	15,000	1.3	19,800	3,000	1.9	5,800	12,000	1.2	14,000
Wibaux	10,000	1.2	11,900	500	1.8	900	9,500	1.2	11,000
SOUTHEAST	**120,000**	**1.2**	**143,000**	**9,000**	**1.8**	**16,000**	**111,000**	**1.1**	**127,000**
MONTANA	**900,000**	**1.5**	**1,350,000**	**380,000**	**2.0**	**750,000**	**520,000**	**1.2**	**600,000**

ALL OTHER HAY: Acreage, Yield, and Production by Counties and Districts, 1997

COUNTY & DISTRICT	ALL			IRRIGATED			NON-IRRIGATED		
	Harvested Acres	Yield Per Acre Tons	Production Tons	Harvested Acres	Yield Per Acre Tons	Production Tons	Harvested Acres	Yield Per Acre Tons	Production Tons
Deer Lodge	7,000	1.4	10,000	6,500	1.4	9,000	500	2.0	1,000
Flathead	12,000	2.0	24,000	5,000	2.3	11,500	7,000	1.8	12,500
Granite	20,000	2.2	44,500	19,000	2.3	43,000	1,000	1.5	1,500
Lake	15,000	2.1	31,000	10,500	2.2	23,500	4,500	1.7	7,500
Lincoln	4,000	1.5	6,000	1,500	1.7	2,500	2,500	1.4	3,500
Mineral	1,000	2.0	2,000	500	2.0	1,000	500	2.0	1,000
Missoula	8,000	2.1	16,500	5,500	1.9	10,500	2,500	2.4	6,000
Powell	32,000	2.0	63,000	28,500	2.0	58,000	3,500	1.4	5,000
Ravalli	21,000	2.3	47,500	20,000	2.3	46,000	1,000	1.5	1,500
Sanders	10,000	1.6	15,500	3,000	1.7	5,000	7,000	1.5	10,500
NORTHWEST	**130,000**	**2.0**	**260,000**	**100,000**	**2.1**	**210,000**	**30,000**	**1.7**	**50,000**
Blaine	28,000	1.4	38,500	11,000	2.0	22,000	17,000	1.0	16,500
Chouteau	17,000	1.2	20,500	1,000	2.0	2,000	16,000	1.2	18,500
Glacier	25,000	1.5	37,500	4,500	1.7	7,500	20,500	1.5	30,000
Hill	12,000	1.0	11,500	500	2.0	1,000	11,500	0.9	10,500
Liberty	5,000	1.6	8,000	1,000	1.5	1,500	4,000	1.6	6,500
Phillips	47,000	1.2	56,000	26,000	1.2	31,500	21,000	1.2	24,500
Pondera	10,000	1.4	14,000	2,500	1.4	3,500	7,500	1.4	10,500
Teton	22,000	1.6	34,500	13,000	1.9	25,000	9,000	1.1	9,500
Toole	4,000	1.1	4,500	500	2.0	1,000	3,500	1.0	3,500
N. CENTRAL	**170,000**	**1.3**	**225,000**	**60,000**	**1.6**	**95,000**	**110,000**	**1.2**	**130,000**
Daniels	11,000	1.0	11,500	500	3.0	1,500	10,500	1.0	10,000
Dawson	20,000	1.1	21,500	1,000	3.0	3,000	19,000	1.0	18,500
Garfield	12,000	1.3	15,000	1,000	2.0	2,000	11,000	1.2	13,000
McCone	25,000	1.0	25,500	1,000	2.0	2,000	24,000	1.0	23,500
Richland	24,000	1.1	26,500	2,000	2.0	4,000	22,000	1.0	22,500
Roosevelt	23,000	1.1	24,500	3,000	3.2	9,500	20,000	0.8	15,000
Sheridan	21,000	1.0	20,500	500	2.0	1,000	20,500	1.0	19,500
Valley	14,000	1.4	20,000	6,000	2.0	12,000	8,000	1.0	8,000
NORTHEAST	**150,000**	**1.1**	**165,000**	**15,000**	**2.3**	**35,000**	**135,000**	**1.0**	**130,000**
Broadwater	5,000	2.3	11,500	3,500	2.6	9,000	1,500	1.7	2,500
Cascade	21,000	1.5	32,000	6,500	2.0	13,000	14,500	1.3	19,000
Fergus	33,000	1.8	59,000	3,000	2.7	8,000	30,000	1.7	51,000
Golden Valley	4,000	1.5	6,000	1,000	3.0	3,000	3,000	1.0	3,000
Judith Basin	14,000	1.6	23,000	2,000	2.0	4,000	12,000	1.6	19,000
Lewis & Clark	13,000	2.0	26,500	6,500	2.0	13,000	6,500	2.1	13,500
Meagher	33,000	2.4	78,500	28,000	2.5	71,000	5,000	1.5	7,500
Musselshell	5,000	1.9	9,500	1,000	3.0	3,000	4,000	1.6	6,500
Petroleum	7,000	1.7	12,000	2,500	3.0	7,500	4,500	1.0	4,500
Wheatland	15,000	1.8	27,000	6,000	2.3	13,500	9,000	1.5	13,500
CENTRAL	**150,000**	**1.9**	**285,000**	**60,000**	**2.4**	**145,000**	**90,000**	**1.6**	**140,000**
Beaverhead	77,000	1.7	129,000	73,000	1.7	123,000	4,000	1.5	6,000
Gallatin	14,000	2.0	28,000	8,000	2.1	17,000	6,000	1.8	11,000
Jefferson	11,000	2.9	31,500	8,500	3.2	27,000	2,500	1.8	4,500
Madison	29,000	2.2	63,000	27,500	2.2	61,000	1,500	1.3	2,000
Silver Bow	4,000	2.1	8,500	3,000	2.3	7,000	1,000	1.5	1,500
SOUTHWEST	**135,000**	**1.9**	**260,000**	**120,000**	**2.0**	**235,000**	**15,000**	**1.7**	**25,000**
Big Horn	11,000	1.4	15,500	2,000	2.5	5,000	9,000	1.2	10,500
Carbon	20,000	2.6	51,000	17,000	2.7	46,000	3,000	1.7	5,000
Park	13,000	2.0	26,000	9,000	2.1	19,000	4,000	1.8	7,000
Stillwater	15,000	1.5	23,000	5,500	2.2	12,000	9,500	1.2	11,000
Sweetgrass	20,000	2.1	42,500	14,500	2.4	35,000	5,500	1.4	7,500
Treasure	4,000	2.4	9,500	2,000	2.8	5,500	2,000	2.0	4,000
Yellowstone	17,000	1.9	32,500	7,000	3.2	22,500	10,000	1.0	10,000
S. CENTRAL	**100,000**	**2.0**	**200,000**	**57,000**	**2.5**	**145,000**	**43,000**	**1.3**	**55,000**
Carter	24,000	0.8	19,000	500	2.0	1,000	23,500	0.8	18,000
Custer	16,000	1.3	20,000	2,500	2.4	6,000	13,500	1.0	14,000
Fallon	24,000	1.0	23,500	1,000	1.5	1,500	23,000	1.0	22,000
Powder River	17,000	1.4	24,000	500	2.0	1,000	16,500	1.4	23,000
Prairie	10,000	1.1	10,500	1,500	1.3	2,000	8,500	1.0	8,500
Rosebud	14,000	1.1	15,000	1,500	1.7	2,500	12,500	1.0	12,500
Wibaux	10,000	1.3	13,000	500	2.0	1,000	9,500	1.3	12,000
SOUTHEAST	**115,000**	**1.1**	**125,000**	**8,000**	**1.9**	**15,000**	**107,000**	**1.0**	**110,000**
MONTANA	**950,000**	**1.6**	**1,520,000**	**420,000**	**2.1**	**880,000**	**530,000**	**1.2**	**640,000**

CATTLE AND CALVES: JANUARY 1, 1989-1998

Inventory, Value per Head, and Total Value, January 1

YEAR	ALL CATTLE		
	Inventory (000) Head	Value Per Head Dollars	Total Value (000) Dollars
1989	2,450	645	1,580,250
1990	2,250	675	1,518,750
1991	2,350	755	1,774,250
1992	2,550	720	1,836,000
1993	2,500	760	1,900,000
1994	2,550	780	1,989,000
1995	2,700	675	1,822,500
1996	2,750	560	1,540,000
1997	2,700	600	1,620,000
1998	2,600	740	1,924,000

Number by Classes, January 1

YEAR	COWS & HEIFERS THAT HAVE CALVED		HEIFERS 500 LBS & OVER			OTHER			TOTAL ALL CATTLE & CALVES	Cattle on Feed
	Beef Cows	Milk Cows	Beef Cow Replace-ments	Milk Cow Replace-ments	Other	Steers 500 lb. & Over	Bulls 500 lb. & Over	Calves under 500 lb.		
	(000) Head									
1989	1,375	25	310	7	167	248	78	240	2,450	90
1990	1,296	24	320	7	175	174	79	175	2,250	80
1991	1,396	24	312	8	163	190	82	175	2,350	90
1992	1,466	24	343	8	219	220	85	185	2,550	75
1993	1,497	23	345	8	154	202	91	180	2,500	75
1994	1,478	22	355	8	210	264	88	125	2,550	110
1995	1,559	21	360	7	230	270	98	155	2,700	100
1996	1,570	20	330	7	265	330	93	135	2,750	105
1997	1,570	20	350	7	205	300	98	150	2,700	85
1998	1,542	18	350	8	210	260	97	115	2,600	80

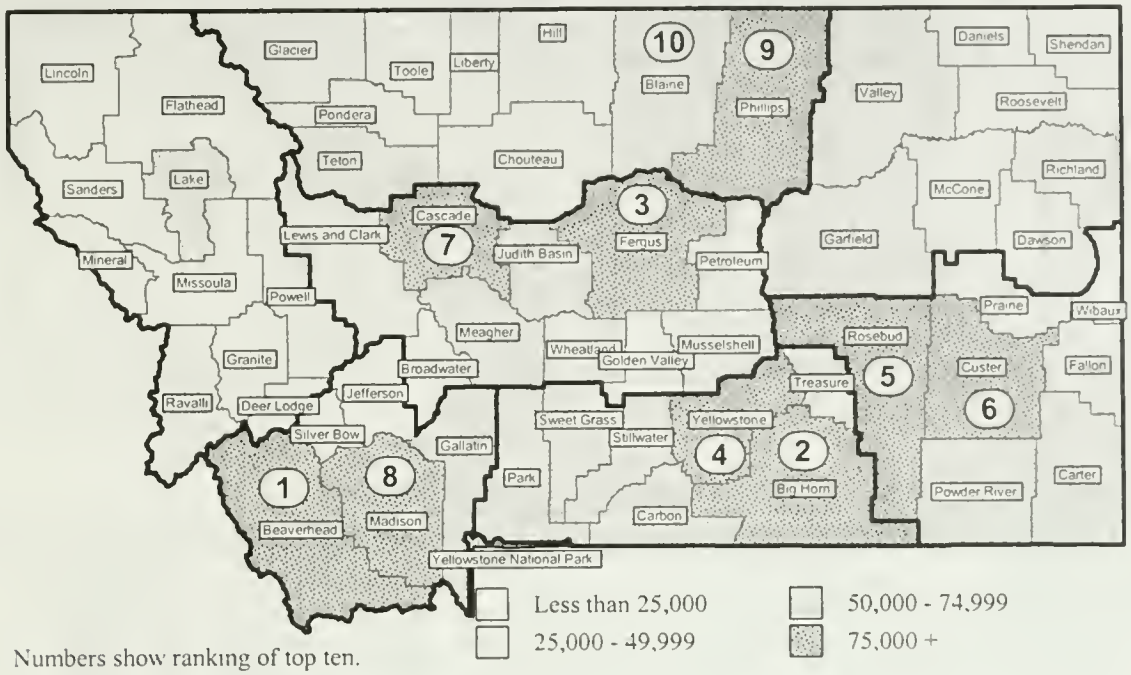
Calf Crop and Disposition, January 1, 1988-1997

YEAR	CALVES BORN	INSHIP-MENTS	MARKETINGS 1/		ON FARM SLAUGHTER 2/	DEATH LOSSES	
			Cattle	Calves	Cattle & Calves	Cattle	Calves
	(000) Head						
1988	1,340	123	1,100	275	6	21	61
1989	1,320	137	1,288	280	5	17	67
1990	1,370	142	1,068	275	4	18	47
1991	1,430	135	1,022	270	5	19	49
1992	1,440	124	1,284	260	5	20	45
1993	1,440	139	1,226	225	4	22	52
1994	1,500	135	1,155	255	5	22	48
1995	1,540	120	1,300	225	5	23	57
1996	1,540	155	1,435	205	5	27	73
1997	1,510	232	1,440	270	5	33	94

1/ Excludes interfarm sales 2/ Excludes animals custom slaughtered in commercial establishments for farmers.

All Cattle & Calves - January 1, 1998

Number of Head



Numbers show ranking of top ten.

CATTLE AND CALVES: Production and Income, 1988-1997

YEAR	Production 1/	Marketings 2/	Cash Receipts 3/	Value of Home Consumption	Gross Income
	(000) Lbs		(000) Dollars		
1988	941,000	1,013,590	695,298	8,205	703,503
1989	938,260	1,169,240	821,678	8,068	829,746
1990	974,420	964,230	709,576	7,779	717,355
1991	1,032,075	927,425	675,377	9,111	684,488
1992	1,020,045	1,132,455	779,958	8,948	788,906
1993	1,047,530	1,052,970	818,162	8,534	826,696
1994	1,050,080	998,870	728,590	9,709	738,300
1995	1,091,045	1,100,035	667,838	7,391	675,229
1996	1,082,410	1,204,820	655,770	7,042	662,812
1997	1,084,080	1,288,440	856,678	7,982	864,660

1/ Adjustments made for inshipments and changes in inventory 2/ Excludes interfarm sales and custom slaughter in commercial establishments for use on farms where produced 3/ Receipts from marketings and sale of farm slaughter

MILK COWS: On Farms, Production per Cow, Milkfat, and Total Production, 1988-1997

YEAR	Milk Cows on Farms 1/	PRODUCTION PER COW		Milkfat	TOTAL PRODUCTION 2/	
		Milk	Milkfat		Milk	Milkfat
	Head	Pounds		Percent	Million Lbs.	
1988	25,000	14,080	493	3.50	352	12.3
1989	24,000	13,625	484	3.55	327	11.6
1990	24,000	13,542	475	3.51	325	11.4
1991	24,000	13,750	488	3.55	330	11.7
1992	23,000	14,217	502	3.53	327	11.5
1993	22,000	13,955	495	3.55	307	10.9
1994	21,000	14,619	519	3.55	307	10.9
1995	21,000	15,000	536	3.57	315	11.2
1996	20,000	15,350	550	3.58	307	11.0
1997	19,000	15,526	550	3.54	295	10.4

1/ Average number during year, excluding heifers not yet fresh 2/ Excludes milk sucked by calves

MILK MARKETED: Quantity and Cash Receipts, 1988-1997

YEAR	MILK SOLD TO PLANTS		MILK SOLD DIRECTLY TO CONSUMERS		
	Quantity	Cash Receipts	Quantity	Price Per Quart	Cash Receipts
	Million Lbs.	(000) Dollars	(000) Quarts	Cents	(000) Dollars
1988	333	40,626	1,395	45.0	628
1989	311	41,985	1,395	55.0	767
1990	308	42,196	1,395	49.0	684
1991	312	38,064	1,395	48.0	670
1992	310	41,230	930	50.0	465
1993	290	38,570	930	49.0	456
1994	292	40,004	930	51.0	474
1995	303	40,299	1/	1/	1/
1996	294	44,688	1/	1/	1/
1997	284	37,488	1/	1/	1/

1/ Not published to avoid disclosing individual operations.

DAIRY PRODUCTS MARKETED: Income and Value, 1988-1997

YEAR	Combined Marketing of Milk and Cream				Used for Milk, Cream and Butter on Farms Where Produced		Gross Farm Income from Dairy Products	Farm Value of Milk Produced 3/,4/
	Milk Utilized	Average Returns 1/		Cash Receipts from Marketings 2/	Milk Utilized	Value 3/		
		Per 100 Pounds Milk	Per Pound Milkfat					
	Mil. Lbs.	Dollars		(000) Dols.	Mil. Lbs.	(000) Dols.	(000) Dols.	
1988	336	12.28	3.51	41,254	8	982	42,236	43,218
1989	314	13.62	3.84	42,752	7	953	43,706	44,522
1990	311	13.79	3.93	42,880	6	827	43,707	44,810
1991	315	12.30	3.46	38,734	6	738	39,472	40,578
1992	312	13.36	3.79	41,695	6	802	42,497	43,700
1993	292	13.37	3.76	39,026	7	936	39,961	41,031
1994	294	13.77	3.88	40,478	6	826	41,305	42,268
1995	303	13.30	3.73	40,299	5	665	40,964	41,895
1996	294	15.20	4.25	44,688	5	760	45,448	46,664
1997	284	13.20	3.73	37,488	4	528	38,016	38,940

1/ Cash receipts divided by milk for milkfat represented in combined marketings. 2/ Cash receipts from marketings of milk and cream plus value of milk used for home consumption and farm-churned butter. 3/ Valued at average returns per 100 pounds of milk in combined marketings of milk and cream. 4/ Includes value of milk fed to calves.

HONEY: Colonies, Yield, Production, Stocks, Price, and Value, 1988-1997

YEAR	Colonies of Bees	Yield Per Colony	Honey Production	Dec. 15 Stocks	Price per Pound	Value of Production
	Number	Lbs.	(000) Lbs.	(000) Lbs.	Cents	(000) Dols.
1988	105,000	48	5,040	151	47.0	2,369
1989	100,000	63	6,300	819	47.0	2,961
1990	98,000	81	7,938	1,191	54.0	4,287
1991	86,000	92	7,912	1,187	57.0	4,510
1992	87,000	110	9,570	1,818	55.0	5,264
1993	95,000	98	9,310	1,583	54.0	5,027
1994	119,000	105	12,495	3,624	52.0	6,497
1995	106,000	80	8,480	1,781	72.0	6,106
1996	117,000	60	7,020	1,825	88.0	6,178
1997	107,000	120	12,840	4,237	74.0	9,502

ALL CATTLE & CALVES: Number of Operations & Percent of Total Inventory by Size Groups, 1988-1997

YEAR	1-49 Head		50-99 Head		100-499 Head		500-999 Head 1/		1,000 Head & Over	
	Operations	Inventory	Operations	Inventory	Operations	Inventory	Operations	Inventory	Operations	Inventory
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
1988	7,100	4.8	2,400	7.7	4,900	43.0	1,000	44.5	--	--
1989	6,800	4.8	2,000	6.2	4,800	44.0	1,100	45.0	--	--
1990	5,200	4.0	2,900	9.0	4,800	41.0	1,100	46.0	--	--
1991	4,600	4.0	2,500	7.0	5,100	40.0	1,200	49.0	--	--
1992	4,500	4.0	2,300	6.0	5,300	42.0	1,200	48.0	--	--
1993	4,500	4.0	2,200	6.0	5,200	42.0	900	24.0	300	24.0
1994	4,500	3.0	2,200	6.0	5,000	40.0	950	25.0	350	26.0
1995	4,000	3.0	1,800	4.5	5,500	42.0	1,050	25.5	350	25.0
1996	4,500	3.0	2,200	6.0	5,200	41.0	900	21.0	400	29.0
1997	4,300	3.0	2,100	5.5	5,100	41.0	900	21.5	400	29.0

1/ Prior to 1993 size group is 500 head and over.

BEEF COWS: Number of Operations and Percent of Total Inventory by Size Groups, 1988-1997

YEAR	1-49 Head		50-99 Head		100-499 Head 1/		500 Head & Over	
	Operations	Inventory	Operations	Inventory	Operations	Inventory	Operations	Inventory
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
1988	6,500	9.6	2,400	11.0	4,400	79.4	--	--
1989	6,300	7.8	2,200	9.2	4,300	83.0	--	--
1990	5,000	7.0	3,200	15.0	4,100	78.0	--	--
1991	4,900	6.0	3,000	14.0	4,300	80.0	--	--
1992	4,900	7.0	2,700	12.0	4,500	81.0	--	--
1993	4,800	7.0	2,400	11.0	4,100	54.0	500	28.0
1994	4,300	6.0	2,250	10.0	4,000	55.0	550	29.0
1995	4,400	6.0	2,000	9.0	4,600	60.0	500	25.0
1996	4,300	5.0	2,650	11.0	4,200	55.0	550	29.0
1997	4,800	6.0	2,150	9.0	4,300	56.0	550	29.0

1/ Prior to 1993 size group is 100 head and over

PRIVATE GRAZING FEE RATES: Average Rates by Method of Payment, Montana, 1988-1997

YEAR	Animal Unit 1/	Cow-Calf	Per Head
	Dollars Per Month		
1988	9.79	11.30	8.79
1989	9.61	11.35	7.72
1990	9.61	11.46	10.57
1991	10.58	12.13	10.53
1992	11.86	12.61	11.97
1993	11.40	12.90	11.50
1994	11.80	13.50	12.90
1995	11.90	13.70	12.80
1996	11.80	13.20	11.70
1997	12.30	13.90	13.20

1/ Includes animal unit plus cow-calf rates

COMMERCIAL LIVESTOCK SLAUGHTER

Red Meat Production by Months, 1989-1998 1/

YEAR	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec	Total
	(000) Pounds												
1989	1,125	875	1,042	1,105	1,114	1,279	1,086	1,676	1,092	1,205	1,259	1,086	13,945
1990	1,342	1,050	1,210	1,079	1,327	1,210	1,311	1,736	1,226	3,169	3,859	2,083	20,602
1991	1,257	1,088	1,032	1,336	1,376	1,437	1,481	1,744	1,405	1,569	1,497	1,350	16,572
1992	1,494	1,251	1,209	1,309	1,328	1,429	1,397	1,704	1,498	1,600	1,457	1,555	17,232
1993	1,272	1,132	1,370	1,220	1,237	1,520	1,533	1,831	1,487	1,598	1,480	1,582	17,262
1994	1,574	1,240	1,573	1,560	1,644	1,788	1,570	2,185	1,721	1,713	1,649	1,685	19,900
1995	1,678	1,335	1,330	1,305	1,493	1,479	1,411	1,864	1,417	1,659	1,480	1,398	17,848
YEAR	Million Pounds												
1996	1.9	1.7	1.1	1.3	1.4	1.4	1.6	1.8	1.5	1.7	1.3	1.4	18.1
1997	1.4	1.2	1.1	1.1	1.1	1.1	1.4	1.6	1.4	1.5	1.2	1.3	15.3
1998	1.3	1.1	1.1	1.0	1.0	1.2	1.3	1.5	1.4				

Monthly Slaughter by Livestock Classes, 1989-1998 1/

CATTLE & CALVES

YEAR	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
	(000) Head												
1989	1.2	1.0	1.2	1.3	1.3	1.6	1.3	1.8	1.2	1.4	1.6	1.4	16.2
1990	1.6	1.2	1.4	1.2	1.7	1.5	1.5	2.0	1.4	5.0	6.3	3.2	28.1
1991	1.5	1.3	1.2	1.5	1.5	1.6	1.6	1.9	1.5	1.8	1.7	1.5	18.7
1992	1.7	1.4	1.3	1.4	1.4	1.6	1.5	1.7	1.6	1.8	1.6	1.9	19.0
1993	1.4	1.2	1.5	1.4	1.4	1.6	1.7	1.8	1.6	1.8	1.7	1.9	19.0
1994	1.9	1.4	1.9	1.9	1.9	2.1	1.7	2.4	1.8	1.8	1.7	1.9	22.4
1995	1.9	1.6	1.5	1.4	1.6	1.7	1.4	2.0	1.5	1.9	1.7	1.6	19.8
1996	2.3	2.0	1.2	1.5	1.6	1.6	1.7	2.0	1.6	2.0	1.5	1.6	20.7
1997	1.7	1.4	1.2	1.3	1.4	1.3	1.5	1.8	1.6	1.8	1.4	1.6	17.9
1998	1.5	1.3	1.2	1.1	1.2	1.4	1.4	1.7	1.5				

SHEEP & LAMBS

YEAR	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
	(000) Head												
1989	.1	.1	.1	.1	.1	.2	.2	.7	.3	.2	.2	.2	2.5
1990	.1	.1	.1	.1	.1	.2	.3	.7	.5	.5	.4	.3	3.6
1991	.2	.2	.2	.3	.3	.3	.4	.8	.6	.4	.5	.3	4.4
1992	.3	.3	.2	.2	.2	.2	.4	.6	.5	.4	.3	.3	3.9
1993	.2	.2	.2	.1	.1	.2	.3	.7	.4	.5	.3	.3	3.6
1994	.2	.2	.2	.2	.2	.2	.3	.8	.6	.5	.4	.4	4.0
1995	.2	.1	.2	.1	.1	.2	.3	.6	.5	.4	.3	.3	3.2
1996	.2	.1	.1	.1	.1	.1	.3	.5	.3	.4	.3	.2	2.9
1997	.2	.1	.1	.1	.1	.1	.3	.4	.4	.4	.2	.3	2.8
1998	.2	.1	.1	.1	.1	.2	.3	.5	.4				

HOGS & PIGS

YEAR	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
	(000) Head												
1989	2.4	1.9	2.1	2.3	2.4	2.2	2.2	3.1	2.4	2.4	2.2	1.9	27.4
1990	2.3	1.8	2.0	1.7	1.9	1.6	2.1	2.6	2.0	2.6	2.2	2.2	25.1
1991	2.2	1.8	2.0	2.4	2.2	2.2	2.7	2.7	2.4	2.6	2.5	2.5	28.2
1992	2.7	2.3	2.4	2.4	2.3	2.3	2.3	3.1	2.7	2.5	2.5	2.2	29.9
1993	2.3	2.1	2.4	2.1	1.9	2.4	2.4	3.6	2.6	2.5	2.5	2.3	29.2
1994	2.4	2.1	2.3	1.9	2.3	2.2	2.6	3.4	2.9	3.1	3.0	3.0	31.2
1995	2.8	2.1	2.2	2.4	2.6	2.1	2.6	3.1	2.4	2.4	2.1	2.0	28.8
1996	2.3	1.8	1.7	1.9	1.6	1.5	2.1	2.4	2.2	1.9	1.5	1.7	22.5
1997	1.5	1.5	1.7	1.5	1.3	1.5	2.0	2.0	2.1	1.7	1.5	1.8	20.1
1998	1.6	1.5	1.8	1.6	1.5	1.8	2.0	2.3	2.2				

1/ Includes slaughter in federally inspected and other slaughter plants but excludes animals slaughtered on farms.

SHEEP, LAMBS & WOOL

Inventory, Value per Head, and Classes, January 1, 1989-1998

YEAR	ALL SHEEP & LAMBS					BREEDING SHEEP ONE YEAR & OVER		LAMBS 2/		All Replacement Lambs
	Inventory	Value Per Head	Total Value	Market 1/	All Breeding 1/	Ewes	Rams	Ewes	Wethers & Rams	
	Head	Dollars	(000) Dols.	Head		Head		Head		Head
1989	600,000	89.00	53,400	30,000	570,000	434,000	15,000	111,000	10,000	--
1990	663,000	85.00	56,355	23,000	640,000	490,000	17,000	124,000	9,000	--
1991	683,000	64.00	43,712	33,000	650,000	504,000	17,000	117,000	12,000	--
1992	678,000	57.00	38,646	38,000	640,000	504,000	18,000	106,000	12,000	--
1993	564,000	66.00	37,224	34,000	530,000	423,000	15,000	83,000	9,000	--
1994	534,000	65.00	34,710	32,000	500,000	410,000	14,000	70,000	6,000	--
1995	490,000	68.00	33,320	40,000	450,000	367,000	12,000	--	--	71,000
1996	465,000	84.00	39,060	35,000	430,000	347,000	11,000	--	--	72,000
1997	432,000	97.00	41,904	32,000	400,000	330,000	11,000	--	--	59,000
1998	410,000	100.00	41,000	35,000	385,000	315,000	10,000	--	--	60,000

1/ Prior to 1995 market sheep and lambs were classified as sheep on feed, and all breeding sheep and lambs were classified as stock sheep. 2/ Beginning in 1995 lambs are no longer classified by sex. All replacement lambs include ewe and ram lambs intended for the breeding flock. Other lambs are included in the market category.

Wool Production, Average Fleece Weight, and Value, 1988-1997

YEAR	Sheep Shorn	Per Fleece	Wool Production	Wool Value
	Head	Pounds	Pounds	Dollars
1988	567,000	10.0	5,666,000	7,706,000
1989	577,000	10.0	5,762,000	7,836,000
1990	627,000	9.9	6,204,000	5,646,000
1991	641,000	10.2	6,542,000	3,729,000
1992	620,000	9.6	5,967,000	5,072,000
1993	570,000	9.7	5,542,000	2,993,000
1994	533,000	9.6	5,092,000	4,379,000
1995	468,000	9.4	4,413,000	5,428,000
1996	434,000	9.6	4,150,000	3,901,000
1997	402,000	9.5	3,813,000	3,851,000

Lamb Crop and Disposition, 1988-1997

YEAR	Lambs Saved	INSHIPMENTS	MARKETINGS 1/		ON FARM SLAUGHTER 2/	DEATH LOSS	
		Sheep & Lambs	Sheep	Lambs	Sheep & Lambs	Sheep	Lambs
	Head						
1988	460,000	26,000	87,000	297,000	2,000	50,000	47,000
1989	500,000	35,000	60,000	325,000	1,000	43,000	43,000
1990	535,000	40,000	113,000	361,000	1,000	40,000	40,000
1991	585,000	37,000	120,000	417,000	2,000	42,000	46,000
1992	510,000	17,000	184,000	383,000	1,000	35,000	38,000
1993	480,000	17,000	85,000	371,000	1,000	35,000	37,000
1994	465,000	11,000	105,000	345,000	1,000	29,000	40,000
1995	410,000	16,000	80,000	312,000	1,000	25,000	33,000
1996	390,000	10,000	76,000	303,000	1,000	21,000	32,000
1997	380,000	20,000	68,000	300,000	1,000	25,000	28,000

1/ Excludes interfarm sales. Includes animals custom slaughtered in commercial establishments for use on farms where produced
2/ Excludes animals custom slaughtered in commercial establishments for farmers

Production and Income from Sheep and Lambs, 1988-1997

YEAR	Production 1/	Marketings 2/	Cash Receipts 3/	Value of Home Consumption	Gross Income
	Pounds	Pounds	Dollars	Dollars	Dollars
1988	37,087,000	38,785,000	20,228,000	245,000	20,473,000
1989	41,923,000	37,425,000	20,765,000	159,000	20,924,000
1990	47,849,000	49,505,000	18,881,000	110,000	18,991,000
1991	50,295,000	54,544,000	20,568,000	170,000	20,738,000
1992	44,738,000	61,106,000	25,227,000	206,000	25,433,000
1993	40,802,000	46,045,000	25,093,000	227,000	25,320,000
1994	37,559,000	44,990,000	24,219,000	155,000	24,374,000
1995	34,505,000	39,439,000	25,682,000	189,000	25,871,000
1996	34,227,000	38,956,000	28,797,000	213,000	29,010,000
1997	32,315,000	37,246,000	30,184,000	234,000	30,418,000

1/ Adjustments made for inshipments and changes in inventory. 2/ Excludes interfarm sales and custom slaughter in commercial establishments for use on farms where produced. 3/ Includes receipts from marketings and from sales of farm slaughtered meat

SHEEP & LAMBS: Inventory, Death Losses, and Value of Losses, Montana, 1988-1997

Year	Jan. 1 Sheep & Lamb Inventory (000 head)	Lamb Crop (000 head)	DEATH LOSSES					
			All Sheep Losses (000 head)	Lambs (000 head)			All Sheep & Lamb Losses	
				Before Docking	After Docking	All Lambs	Total Loss (000 head)	% Jan. 1 Inventory & Lambs Born 1/
1988	597	460	50	53	47	100	150.0	13.5
1989	600	500	43	55	43	98	141.0	12.2
1990	663	535	40	53	40	93	133.0	10.6
1991	683	585	42	54	46	100	142.0	10.7
1992	678	510	35	39	38	77	112.0	9.1
1993	564	480	35	36	37	73	108.0	10.0
1994	534	465	29	35	40	75	104.0	10.1
1995	490	410	25	34	33	67	92.0	9.9
1996	465	390	21	30	32	62	83.0	9.4
1997	432	380	25	32	28	60	85.0	10.1

Year	Predator Losses		Non-Predator Loss (000 head)	Unknown Causes (000 head)	Value of Losses (000 dollars)			
	Total Loss (000 head)	% Jan. 1 Inventory & Lambs Born 1/			Predator	Non-Predator	Unknown	Total 2/
1988	43.1	3.9	84.7	22.2	2,519.7	5,115.3	1,386.6	9,021.6
1989	35.9	3.1	80.8	24.3	1,956.4	4,264.8	1,405.0	7,626.2
1990	39.1	3.1	79.9	14.0	1,491.1	3,586.1	659.8	5,737.0
1991	44.9	3.4	83.5	13.6	1,590.0	3,179.6	550.4	5,320.0
1992	41.2	3.4	63.0	7.8	1,593.6	2,696.0	374.6	4,664.1
1993	40.2	3.7	59.4	8.4	1,767.7	2,891.8	418.8	5,078.2
1994	42.9	4.1	53.8	7.3	1,897.0	2,649.9	386.6	4,933.5
1995	37.1	4.0	46.9	8.0	2,001.0	2,821.2	500.1	5,322.3
1996	31.2	3.5	39.2	12.6	1,902.1	2,606.9	853.9	5,362.9
1997	27.0	3.2	49.1	8.9	1,769.8	3,598.9	627.1	5,995.8

1/ Lambs born equals lamb crop plus lambs lost before docking.
2/ Totals may not add because of rounding.

SHEEP & LAMBS: Losses by Cause, Montana, 1996-1997

Cause of Loss	SHEEP LOSS				LAMB LOSS				TOTAL LOSS			
	Number of Head		Value in Dollars (000) 1/, 3/		Number of Head		Value in Dollars (000) 2/, 3/		Number of Head		Value in Dollars (000) 3/	
	1996	1997	1996	1997	1996	1997	1996	1997	1996	1997	1996	1997
Predators												
Fox	100	--	9.4	--	2,600	2,200	142.1	129.1	2,700	2,200	151.5	129.1
Dog	400	400	37.6	39.6	1,000	600	54.7	35.2	1,400	1,000	92.3	74.8
Coyote	3,500	3,500	329.0	346.5	19,100	16,400	1,044.0	962.4	22,600	19,900	1,373.0	1,308.9
Eagle	200	100	18.8	9.9	2,000	2,300	109.3	135.0	2,200	2,400	128.1	144.9
Bobcat	100	--	9.4	--	100	100	5.5	5.9	200	100	14.9	5.9
Bear	300	200	28.2	19.8	500	200	27.3	11.7	800	400	55.5	31.5
Mountain Lion	200	300	18.8	29.7	300	200	16.4	11.7	500	500	35.2	41.4
Other Animals	--	--	--	--	--	--	--	--	--	--	--	--
Unknown Predators	200	100	18.8	9.9	600	400	32.8	23.5	800	500	51.6	33.4
Total Predators	**5,000**	**4,600**	**470.0**	**455.4**	**26,200**	**22,400**	**1,432.1**	**1,314.4**	**31,200**	**27,000**	**1,902.1**	**1,769.8**
Non-Predators												
All Diseases	1,800	3,000	169.2	297.0	4,900	4,800	267.8	281.7	6,700	7,800	437.0	578.7
Weather Conditions	1,600	7,100	150.4	702.9	12,900	19,100	705.1	1,120.8	14,500	26,200	855.5	1,823.7
Poison	600	900	56.4	89.1	700	600	38.3	35.2	1,300	1,500	94.7	124.3
Lambing Complications	1,100	900	103.4	89.1	5,500	5,600	300.6	328.6	6,600	6,500	404.0	417.7
On Back	1,200	800	112.8	79.2	--	--	--	--	1,200	800	112.8	79.2
Old Age	4,500	4,100	423.0	405.9					4,500	4,100	423.0	405.9
Theft	600	800	56.4	79.2	1,800	500	98.4	29.3	2,400	1,300	154.8	108.5
Other	400	200	37.6	19.8	1,600	700	87.5	41.1	2,000	900	125.1	60.9
Total Non-Predators	**11,800**	**17,800**	**1,109.2**	**1,762.2**	**27,400**	**31,300**	**1,497.7**	**1,836.7**	**39,200**	**49,100**	**2,606.9**	**3,598.9**
Unknown Causes	**4,200**	**2,600**	**394.8**	**257.4**	**8,400**	**6,300**	**459.1**	**369.7**	**12,600**	**8,900**	**853.9**	**627.1**
Total Loss	**21,000**	**25,000**	**1,974.0**	**2,475.0**	**62,000**	**60,000**	**3,388.9**	**3,520.8**	**83,000**	**85,000**	**5,362.9**	**5,995.8**

1/ Using average reported value for Ewes 1+. 2/ Lamb values equal to market year average price received for lambs multiplied by an average weight of 60 pounds per lamb. 3/ Totals may not add due to rounding. -- Denotes less than 100 head.

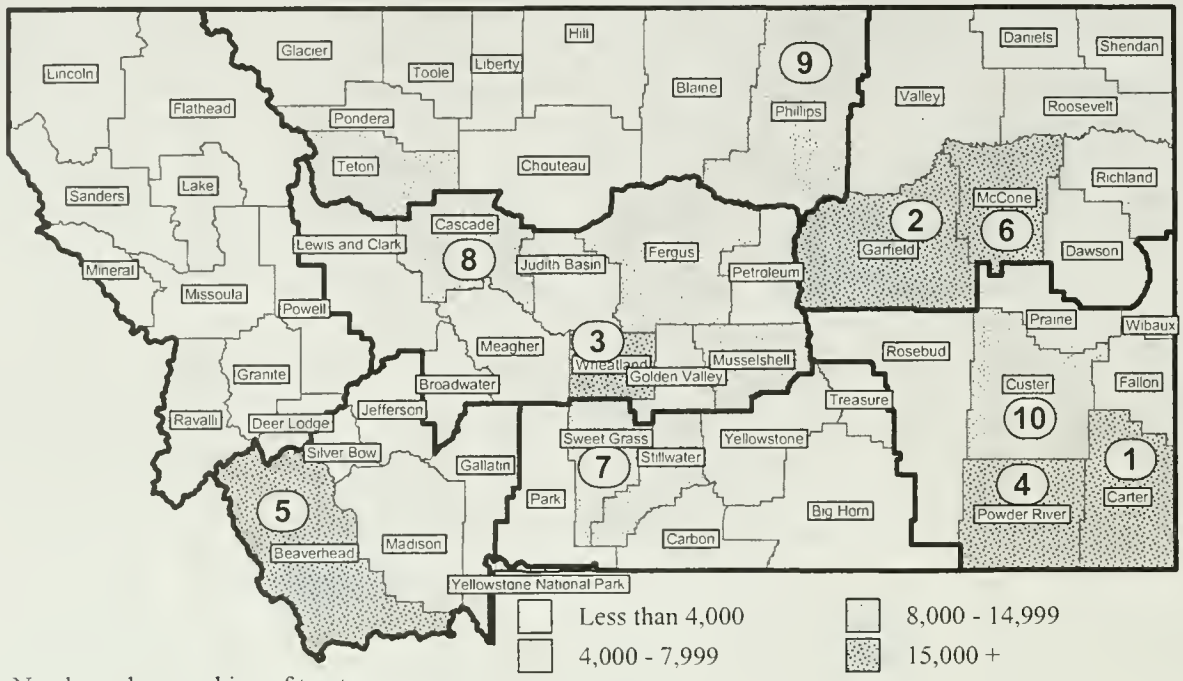
SHEEP & LAMBS: Percent of Losses By Cause and Size of Flock, Montana, 1996-1997

CAUSE OF LOSS	SIZE OF FLOCK										
	1-99		100-999		1000+		All Sizes				
	1996	1997	1996	1997	1996	1997	1993	1994	1995	1996	1997
Predators											
Fox	--	--	3	2	4	4	3	6	4	3	3
Dog	4	1	2	2	1	--	2	1	2	2	1
Coyote	16	33	32	21	27	26	28	27	30	27	23
Eagle	--	--	4	2	3	5	2	5	3	3	3
Bobcat	--	--	--	--	--	--	--	--	--	--	--
Bear	--	--	--	--	2	1	1	1	--	1	--
Mountain Lion	3	--	1	--	--	1	1	1	1	1	1
Other Animals	--	--	--	--	--	--	--	--	--	--	--
Unknown Predators	6	--	--	1	1	1	2/	2/	1	1	1
Total Predators 1/	**30**	**35**	**42**	**29**	**39**	**38**	**37**	**41**	**40**	**38**	**32**
Non-Predators											
All Diseases	15	7	9	12	6	8	11	15	10	8	9
Weather Conditions	18	39	19	35	18	27	11	11	16	17	31
Poison	--	3	1	1	2	2	2	2	2	2	2
Lambing Complications	20	5	10	9	4	5	15	10	9	8	8
On Back	--	--	1	1	1	1	3	2	1	1	1
Old Age	4	3	5	5	4	3	7	6	6	5	5
Theft	--	--	1	--	4	3	3	3	2	3	2
Other Causes	5	2	3	1	2	1	3	2	4	2	1
Total Non-Predators	**62**	**60**	**50**	**65**	**42**	**50**	**55**	**52**	**50**	**47**	**58**
Unknown Causes	9	5	7	7	19	13	8	7	10	15	10
Total Loss 1/	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**

1/ Totals may not add due to rounding. 2/ Not available. -- Denotes less than 1 percent.

Sheep & Lambs - January 1, 1998

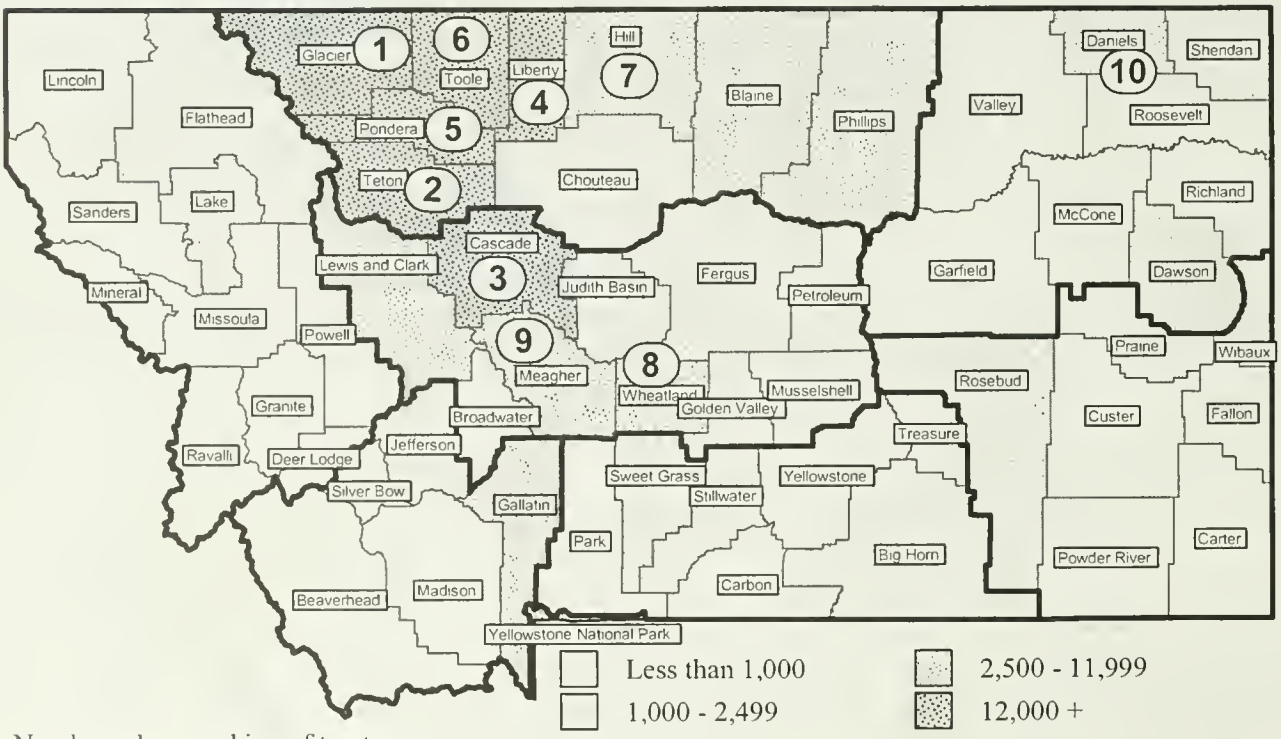
Number of Head



Numbers show ranking of top ten.

Hogs & Pigs - December 1, 1997

Number of Head



Numbers show ranking of top ten.

HOGS & PIGS

Inventory, Value per Head, Total Value, Breeding Inventory, and Market Hogs, December 1, 1988-1997

YEAR	Inventory	Value Per Head	Total Value	Breeding Inventory	Market Hogs
	Head	Dollars	(000) Dols.	Head	Head
1988	225,000	72.00	16,200	29,000	196,000
1989	220,000	80.00	17,600	30,000	190,000
1990	185,000	89.00	16,465	24,000	161,000
1991	225,000	68.00	15,300	26,000	199,000
1992	215,000	74.00	15,910	24,000	191,000
1993	180,000	80.00	14,400	20,000	160,000
1994	210,000	56.00	11,760	22,000	188,000
1995	180,000	74.00	13,320	19,000	161,000
1996	150,000	96.00	14,400	16,000	134,000
1997	175,000	85.00	14,875	25,000	150,000

Pig Crops and Disposition, 1988-1997

YEAR	Pig Crop	In Shipments	Marketings 1/	On Farm Slaughter 2/	Death Loss
	Dec-Nov	Head			
1988	373,000	7,000	345,000	4,000	16,000
1989	406,000	3,000	395,000	4,000	15,000
1990	357,000	4,000	376,000	3,000	17,000
1991	420,000	8,000	369,000	3,000	16,000
1992	385,000	4,000	380,000	3,000	16,000
1993	355,000	6,000	378,000	2,000	16,000
1994	403,000	7,000	363,000	2,000	15,000
1995	346,000	6,000	362,000	3,000	17,000
1996	323,000	5,000	342,000	2,000	14,000
1997	315,000	2,000	277,000	2,000	13,000

1/ Includes animals custom slaughtered in commercial establishments for use on farms where produced.
2/ Excludes animals custom slaughtered in commercial establishments for farmers

Production and Income from Hogs and Pigs, 1988-1997

YEAR	Production 1/	Marketings 2/	Cash Receipts 3/	Value of Consumption	Gross Income
	(000) Lbs		(000) Dols.		
1988	80,000	77,570	28,613	516	29,129
1989	91,680	88,590	34,181	720	34,901
1990	80,911	84,000	42,150	1,125	43,275
1991	86,319	83,223	37,146	490	37,636
1992	104,058	105,030	33,681	375	34,056
1993	86,890	91,496	40,503	313	46,816
1994	91,355	88,545	33,332	288	33,619
1995	87,920	85,690	33,634	489	34,123
1996	69,857	74,220	37,065	493	37,558
1997	66,771	61,975	34,328	410	34,738

1/ Adjustments made for inshipments and changes in inventory. 2/ Excludes interfarm sales and custom slaughter in commercial establishments for use on farms where produced 3/ Includes receipts from marketings and from sales of farm slaughtered meat

CHICKEN INVENTORY, Value per Bird and Total Value, December 1, 1988-1997

YEAR	All Chickens	Value Per Bird	Total Value
	Number	Dollars	
1988	910,000	2.30	2,093,000
1989	890,000	2.55	2,270,000
1990	760,000	2.30	1,748,000
1991	780,000	2.80	2,184,000
1992	710,000	2.60	1,846,000
1993	550,000	2.70	1,485,000
1994	510,000	2.70	1,377,000
1995	540,000	2.50	1,350,000
1996	470,000	3.20	1,504,000
1997	390,000	3.20	1,248,000

CHICKENS: Production & Income, 1988-1997

YEAR	Sold	Price per Pound	Cash Receipts
	Pounds	Cents	Dollars
1988	2,896,000	6.0	174,000
1989	2,812,000	7.0	197,000
1990	2,580,000	4.5	116,000
1991	1,832,000	4.0	73,000
1992	2,248,000	2.5	56,000
1993	2,180,000	4.0	87,000
1994	1,844,000	2.0	37,000
1995	2,144,000	3.0	64,000
1996	1,600,000	2.0	32,000
1997	1,276,000	2.0	26,000

EGGS: Production, Disposition and Income, 1988-1997

YEAR 1/	Layers 2/	Eggs Per Layer	Egg Production	Value of Production
	Number	Number	Millions	(000) Dols.
1988	772,000	251	194	7,760
1989	702,000	256	180	11,250
1990	658,000	261	172	9,747
1991	626,000	262	164	9,020
1992	602,000	266	160	6,533
1993	460,000	271	125	6,563
1994	374,000	265	99	4,538
1995	371,000	283	105	4,988
1996	378,000	286	108	5,940
1997	293,000	300	88	4,180

1/ Data related to the 12 month period beginning with December 1 of the previous year through November of the current year.
2/ Average number of layers on hand during the year.

LIVESTOCK: Inventory by Counties, January 1, 1996-98

COUNTY & DISTRICT	ALL CATTLE AND CALVES				BEEF COWS AND HEIFERS THAT HAVE CALVED			
	1996	1997	1998	Rank	1996	1997	1998	Rank
Deer Lodge	8,500	7,700	7,200	54	4,800	4,400	4,200	54
Flathead	20,300	18,000	17,300	48	8,900	8,000	7,600	51
Granite	26,600	24,600	24,500	42	18,100	17,400	16,900	39
Lake	58,000	57,000	55,000	18	33,500	31,400	31,200	20
Lincoln	5,000	4,600	4,300	55	3,200	3,000	2,900	55
Mineral	1,400	1,300	1,100	56	700	700	600	56
Missoula	15,000	13,700	12,300	52	8,900	8,300	7,500	52
Powell	51,000	51,000	49,000	25	30,100	30,400	29,500	23
Ravalli	40,000	38,300	35,800	33	21,200	19,900	19,400	35
Sanders	20,200	19,800	18,500	47	12,600	12,500	12,200	46
Other	--	--	--	--	--	--	--	--
NORTHWEST	**246,000**	**236,000**	**225,000**	**--**	**142,000**	**136,000**	**132,000**	**--**
Blaine	82,000	78,000	74,000	10	46,800	46,000	44,000	9
Chouteau	42,000	45,000	46,000	26	29,500	30,600	31,200	20
Glacier	36,500	39,400	40,100	29	23,400	24,000	24,800	29
Hill	25,200	26,500	25,900	40	15,700	16,000	16,100	41
Liberty	13,500	13,600	14,200	51	7,700	8,200	8,300	50
Phillips	80,000	80,000	77,000	9	47,500	48,100	48,500	7
Pondera	24,600	26,000	26,100	38	17,300	16,600	17,100	38
Teton	69,000	70,000	70,000	12	36,000	36,200	36,300	14
Toole	19,200	19,500	18,700	46	12,100	12,300	11,700	47
Other	--	--	--	--	--	--	--	--
N. CENTRAL	**392,000**	**398,000**	**392,000**	**--**	**236,000**	**238,000**	**238,000**	**--**
Daniels	15,800	16,300	16,000	50	10,200	10,500	10,400	49
Dawson	46,700	47,500	45,800	27	28,400	28,900	28,500	27
Garfield	55,000	53,000	51,000	23	36,100	35,600	35,200	15
McCone	41,500	40,300	39,600	30	24,500	24,300	24,600	30
Richland	58,000	57,000	56,000	17	27,600	28,200	28,700	26
Roosevelt	25,400	25,800	26,000	39	17,400	18,100	18,000	37
Sheridan	20,600	22,100	22,600	44	13,900	14,700	15,200	43
Valley	62,000	64,000	59,000	16	36,900	37,700	37,400	13
Other	--	--	--	--	--	--	--	--
NORTHEAST	**325,000**	**326,000**	**316,000**	**--**	**195,000**	**198,000**	**198,000**	**--**
Broadwater	25,300	24,300	23,500	43	15,600	15,900	15,200	44
Cascade	90,000	86,000	83,000	7	53,000	52,000	51,000	4
Fergus	114,000	115,000	110,000	3	72,000	73,000	73,000	2
Golden Valley	24,600	22,600	20,900	45	14,700	14,000	13,400	45
Judith Basin	68,000	67,000	65,000	13	39,300	39,300	38,800	12
Lewis & Clark	45,800	44,700	43,500	28	25,000	25,200	25,100	28
Meagher	53,000	53,000	53,000	21	32,200	33,400	33,600	17
Musselshell	34,700	34,000	32,000	36	21,300	21,400	21,400	32
Petroleum	28,700	28,400	28,300	37	19,200	19,500	18,600	36
Wheatland	37,900	37,000	35,800	34	21,700	22,300	21,900	32
Other	--	--	--	--	--	--	--	--
CENTRAL	**522,000**	**512,000**	**495,000**	**--**	**314,000**	**316,000**	**312,000**	**--**
Beaverhead	148,000	141,000	130,000	1	89,000	85,000	82,000	1
Gallatin	62,000	62,000	60,000	14	27,700	29,000	28,800	25
Jefferson	28,500	26,200	24,900	41	15,700	16,000	15,600	42
Madison	94,000	87,000	78,000	8	56,000	54,000	50,000	6
Silver Bow	9,500	9,800	9,100	53	5,600	6,000	5,600	53
Other	--	--	--	--	--	--	--	--
SOUTHWEST	**342,000**	**326,000**	**302,000**	**--**	**194,000**	**190,000**	**182,000**	**--**
Big Horn	128,000	127,000	118,000	2	70,000	70,000	66,000	3
Carbon	60,000	59,000	55,000	18	32,100	33,300	29,000	24
Park	58,000	55,000	52,000	22	35,700	34,800	31,800	19
Stillwater	64,000	64,000	60,000	14	31,800	30,000	30,200	22
Sweetgrass	55,000	52,000	51,000	23	34,300	33,600	33,400	18
Treasure	38,000	38,000	38,000	32	15,600	16,300	16,200	40
Yellowstone	122,000	115,000	108,000	4	44,500	44,000	41,400	11
Other	--	--	--	--	--	--	--	--
S. CENTRAL	**525,000**	**510,000**	**482,000**	**--**	**264,000**	**262,000**	**248,000**	**--**
Carter	53,000	53,000	54,000	20	33,900	34,500	34,500	16
Custer	82,000	84,000	84,000	6	42,200	45,200	46,200	8
Fallon	42,800	40,200	39,500	31	25,700	24,500	24,600	30
Powder River	78,000	73,000	72,000	11	43,300	43,000	43,300	10
Prairie	35,500	34,500	35,000	35	18,800	19,500	21,000	34
Rosebud	90,000	90,000	87,000	5	50,000	52,000	51,000	4
Wibaux	16,700	17,300	16,500	49	11,100	11,300	11,400	48
Other	--	--	--	--	--	--	--	--
SOUTHEAST	**398,000**	**392,000**	**388,000**	**--**	**225,000**	**230,000**	**232,000**	**--**
MONTANA	**2,750,000**	**2,700,000**	**2,600,000**	**--**	**1,570,000**	**1,570,000**	**1,542,000**	**--**

LIVESTOCK: Inventory by Counties, January 1, 1996-98 1/

COUNTY & DISTRICT	MILK COWS AND HEIFERS THAT HAVE CALVED				BREEDING SHEEP AND LAMBS			
	1996	1997	1998	Rank	1996	1997	1998	Rank
Deer Lodge	--	--	--	--	--	--	--	--
Flathead	1,800	1,600	1,500	5	1,000	900	800	47
Granite	--	--	--	--	600	800	700	48
Lake	1,800	1,800	1,600	4	2,700	3,100	3,000	35
Lincoln	--	--	--	--	--	--	--	--
Mineral	--	--	--	--	--	--	--	--
Missoula	--	--	--	--	1,500	1,300	1,300	43
Powell	--	--	--	--	1,500	1,600	1,800	39
Ravalli	2,000	2,000	1,700	2	4,600	4,300	4,400	32
Sanders	--	--	--	--	--	--	--	--
Other	800	800	700	--	1,100	1,000	1,000	--
NORTHWEST	**6,400**	**6,200**	**5,500**	--	**13,000**	**13,000**	**13,000**	--
Blaine	--	--	--	--	6,500	6,300	5,500	23
Chouteau	--	--	--	--	1,300	1,300	1,500	40
Glacier	--	--	--	--	600	600	600	49
Hill	--	--	--	--	900	1,100	1,200	45
Liberty	--	--	--	--	500	500	500	50
Phillips	--	--	--	--	10,200	10,000	9,200	9
Pondera	--	500	500	7	4,800	4,700	4,500	30
Teton	500	500	500	7	8,700	9,000	8,500	12
Toole	--	--	--	--	1,500	1,500	1,500	41
Other	1,800	1,400	1,400	--	--	--	--	--
N. CENTRAL	**2,300**	**2,400**	**2,400**	--	**35,000**	**35,000**	**33,000**	--
Daniels	--	--	--	--	1,900	1,600	1,400	42
Dawson	--	--	--	--	6,000	5,100	5,500	24
Garfield	--	--	--	--	67,000	55,000	52,000	2
McCone	--	--	--	--	17,400	17,000	15,000	6
Richland	--	--	--	--	4,700	4,600	4,500	31
Roosevelt	--	--	--	--	5,700	4,800	4,800	27
Sheridan	--	--	--	--	2,400	2,000	2,000	38
Valley	--	--	--	--	4,900	4,900	4,800	28
Other	500	500	--	--	--	--	--	--
NORTHEAST	**500**	**500**	**2/**	--	**110,000**	**95,000**	**90,000**	--
Broadwater	--	--	--	--	4,800	5,100	5,200	25
Cascade	700	900	800	6	9,700	9,800	9,900	8
Fergus	--	--	--	--	7,900	8,100	8,000	14
Golden Valley	--	--	--	--	7,500	7,000	7,000	18
Judith Basin	--	--	--	--	8,000	7,600	7,600	16
Lewis & Clark	--	--	--	--	5,000	4,600	4,500	29
Meagher	--	--	--	--	5,300	5,500	6,000	20
Musselshell	--	--	--	--	8,800	8,800	8,500	11
Petroleum	--	--	--	--	5,000	4,500	4,300	33
Wheatland	--	--	--	--	20,000	21,000	19,000	3
Other	1,900	1,800	1,700	--	--	--	--	--
CENTRAL	**2,600**	**2,700**	**2,500**	--	**82,000**	**82,000**	**80,000**	--
Beaverhead	--	--	--	--	14,800	16,000	16,500	5
Gallatin	4,900	4,800	4,500	1	6,200	5,900	6,200	19
Jefferson	--	--	--	--	900	900	1,000	46
Madison	--	--	--	--	9,500	8,600	7,800	15
Silver Bow	--	--	--	--	600	600	500	51
Other	300	300	200	--	--	--	--	--
SOUTHWEST	**5,200**	**5,100**	**4,700**	--	**32,000**	**32,000**	**32,000**	--
Big Horn	--	--	--	--	2,400	2,200	2,400	37
Carbon	--	--	--	--	8,500	7,700	7,100	17
Park	--	--	--	--	2,500	2,500	2,800	36
Stillwater	--	--	--	--	7,800	7,800	8,200	13
Sweetgrass	--	--	--	--	15,500	15,000	14,100	7
Treasure	--	--	--	--	600	500	500	52
Yellowstone	1,900	1,900	1,700	2	6,700	6,300	5,900	22
Other	600	700	600	--	--	--	--	--
S. CENTRAL	**2,500**	**2,600**	**2,300**	--	**44,000**	**42,000**	**41,000**	--
Carter	--	--	--	--	66,000	56,000	54,000	1
Custer	--	--	--	--	8,300	8,800	8,700	10
Fallon	--	--	--	--	5,200	4,700	5,000	26
Powder River	--	--	--	--	21,500	19,200	17,000	4
Prairie	--	--	--	--	4,200	4,200	4,000	34
Rosebud	--	--	--	--	7,600	7,000	6,000	21
Wibaux	--	--	--	--	1,200	1,100	1,300	44
Other	500	500	--	--	--	--	--	--
SOUTHEAST	**500**	**500**	**2/**	--	**114,000**	**101,000**	**96,000**	--
OTHER DIST.	**--**	**--**	**600**	**--**	**--**	**--**	**--**	**--**
MONTANA	**20,000**	**20,000**	**18,000**	**--**	**430,000**	**400,000**	**385,000**	**--**

1/ Counties with less than 500 head or individual operators having 60 percent or more of the head are combined into "other" counties to avoid disclosure of individual information. 2/ Included in "other districts."

LIVESTOCK: Inventory by Counties, December 1, 1995-97 1/

COUNTY & DISTRICT	HOGS AND PIGS				CHICKENS		
	1995	1996	1997	Rank	1995	1996	1997
Deer Lodge	--	--	--	--	--	--	--
Flathead	6,900	3,400	2,400	15	--	--	--
Granite	--	--	--	--	--	--	--
Lake	2,300	1,800	2,100	18	--	--	--
Lincoln	--	--	--	--	--	--	--
Mineral	--	--	--	--	--	--	--
Missoula	--	--	--	--	--	--	--
Powell	--	--	700	31	--	--	--
Ravalli	600	--	500	36	--	--	--
Sanders	--	--	--	--	--	--	--
Other	1,600	1,400	400	--	--	--	--
NORTHWEST	**11,400**	**6,600**	**6,100**	**--**	**8,000**	**6,000**	**6,000**
Blaine	5,700	5,000	3,500	12	--	--	--
Chouteau	4,500	2,300	2,100	20	--	--	--
Glacier	14,200	14,800	21,400	1	--	--	--
Hill	12,100	9,700	9,400	7	--	--	--
Liberty	15,700	13,500	17,200	4	--	--	--
Phillips	4,200	4,100	3,000	13	--	--	--
Pondera	11,800	11,500	13,000	5	--	--	--
Teton	11,900	13,000	19,100	2	--	--	--
Toole	11,900	6,100	12,300	6	--	--	--
Other	--	--	--	--	--	--	--
N. CENTRAL	**92,000**	**80,000**	**101,000**	**--**	**216,000**	**205,000**	**240,000**
Daniels	4,500	4,300	4,900	10	--	--	--
Dawson	1,200	1,000	1,200	27	--	--	--
Garfield	--	--	--	--	--	--	--
McCone	--	--	--	--	--	--	--
Richland	2,000	1,000	500	35	--	--	--
Roosevelt	1,500	900	700	30	--	--	--
Sheridan	2,100	1,400	1,500	24	--	--	--
Valley	1,100	700	--	--	--	--	--
Other	900	700	800	--	--	--	--
NORTHEAST	**13,300**	**10,000**	**9,600**	**--**	**6,000**	**4,000**	**2,000**
Broadwater	1,100	900	600	33	--	--	--
Cascade	13,100	14,700	17,300	3	--	--	--
Fergus	5,100	2,500	2,300	16	--	--	--
Golden Valley	6,100	4,400	2,100	17	--	--	--
Judith Basin	--	700	1,200	26	--	--	--
Lewis & Clark	--	2,900	2,900	14	--	--	--
Meagher	--	4,800	6,100	9	--	--	--
Musselshell	800	--	--	--	--	--	--
Petroleum	--	--	--	--	--	--	--
Wheatland	10,700	8,600	8,300	--	--	--	--
Other	7,000	500	500	--	--	--	--
CENTRAL	**43,900**	**40,000**	**41,300**	**--**	**295,000**	**242,000**	**134,000**
Beaverhead	--	--	--	--	--	--	--
Gallatin	2,400	2,500	3,600	11	--	--	--
Jefferson	900	500	2,100	19	--	--	--
Madison	1,200	500	--	--	--	--	--
Silver Bow	--	--	--	--	--	--	--
Other	200	100	300	--	--	--	--
SOUTHWEST	**4,700**	**3,600**	**6,000**	**--**	**3,000**	**2,000**	**2,000**
Big Horn	700	600	1,800	23	--	--	--
Carbon	--	--	--	--	--	--	--
Park	--	--	--	--	--	--	--
Stillwater	5,000	2,800	2,000	22	--	--	--
Sweetgrass	2,300	2,100	2,000	21	--	--	--
Treasure	--	--	--	--	--	--	--
Yellowstone	--	--	--	--	--	--	--
Other	1,100	500	600	--	--	--	--
S. CENTRAL	**9,100**	**6,000**	**6,400**	**--**	**6,000**	**6,000**	**4,000**
Carter	900	500	900	28	--	--	--
Custer	600	--	500	34	--	--	--
Fallon	1,100	900	600	32	--	--	--
Powder River	--	--	--	--	--	--	--
Prairie	--	--	--	--	--	--	--
Rosebud	--	1,100	1,400	25	--	--	--
Wibaux	700	--	900	29	--	--	--
Other	2,300	1,300	300	--	--	--	--
SOUTHEAST	**5,600**	**3,800**	**4,600**	**--**	**6,000**	**5,000**	**2,000**
MONTANA	**180,000**	**150,000**	**175,000**	**--**	**540,000**	**470,000**	**390,000**

1/ Counties with less than 500 head or individual operations having 60 percent or more of the head are combined into "other" counties to avoid disclosure of individual information.

MONTANA'S AGRICULTURAL EXPORTS DECREASE DRAMATICALLY IN 1997

The value of Montana's agricultural commodities exported during the fiscal year ending September 30, 1997 totaled $327.1 million, $568.7 million less than 1996. Wheat and wheat products are Montana's leading export, making up 72 percent of the State's agricultural exports. Exports of wheat and wheat products accounted for the largest decrease during 1997 with $557 million less than 1996. Feed grains and products decreased $24.5 million from 1996. Exports of Montana's live animals and meat, and seeds were the only commodity classifications that increased, raising $5.1 million and 8.4 million, respectively, from 1996. Feed and fodder exports decreased one-half million dollars from 1996.

In fiscal 1997, the U.S. exported $57.4 billion worth of agricultural commodities, $2.5 billion less than 1996. Wheat and wheat products accounted for the largest decrease in U.S. exports, dropping 2.8 billion from 1996. Nationally, wheat and wheat products make up 7.6 percent of all exports, 4 percent less than 1996.

Montana moved down from a third place ranking to fifth place among states exporting wheat and wheat products in fiscal year 1997. Kansas overtook North Dakota for the top position as a wheat exporter, followed by North Dakota, Washington, Arkansas and Montana. Considering the export of all products, California remained on top, followed by Iowa, Illinois, Nebraska, and Texas. Montana slipped from twenty-third position to thirty-forth position for export of all products.

OUTLOOK FOR AGRICULTURAL EXPORTS DROPS IN 1998 AND 1999

U.S. agricultural exports are forecast at $54.5 billion for fiscal year 1998, five percent below 1997. Fiscal 1999 U.S. agricultural exports are projected at $52 billion, down $2.5 billion from the revised fiscal 1998 forecast. A stronger dollar, large global supplies, and weak demand are pressuring prices of agricultural products. The total value of grain and feed exports is expected to be slightly changed from fiscal 1998 as higher grain export volumes offset lower prices. The projected decline in fiscal 1999 exports and the increase in imports will narrow the U.S. agricultural trade surplus to $12.5 billion, the smallest since 1987. The revised fiscal 1998 export forecast is down $500 million from May to $54.5 billion, reflecting weaker export unit values for wheat and slowed soybean shipments. Fiscal 1998 imports, however, remain at $38 billion as previously projected. The expected fiscal 1998 surplus slips slightly to $16.5 billion.

AGRICULTURAL EXPORTS: Montana and U.S., 1995-1997 1/

COMMODITY	MONTANA			UNITED STATES		
	1995	1996	1997	1995	1996	1997
	Million Dollars					
Wheat and Products	397.0	791.9	234.9	5,264.1	7,097.4	4,331.1
Feed Grains and Products	33.5	60.3	35.8	8,842.9	10,892.9	8,447.1
Fruits and Preparations	--	--	--	3,255.6	3,315.2	3,418.2
Vegetables and Preparations	--	--	--	3,875.8	3,733.3	4,088.6
Live Animals and Meat	12.6	10.9	16.0	5,135.6	5,588.2	4,893.4
Hides and Skins	--	--	--	1,738.4	1,677.2	1,693.3
Poultry and Products	--	--	--	2,208.3	2,727.2	2,832.2
Fats, Oils and Greases	--	--	--	841.5	657.7	523.4
Dairy Products	--	--	--	806.4	735.8	868.7
Feeds and Fodders	26.4	29.4	28.9	1,627.9	1,674.2	1,811.2
Seeds	1.7	3.2	11.6	665.8	713.9	912.9
Other	--	--	--	20,462.9	21,077.5	23,545.0
ALL COMMODITIES 2/	471.3	895.8	327.1	54,725.1	59,890.5	57,365.1

1/ Fiscal year ending September 30. 2/ Totals may not add due to rounding.

SOURCE: Foreign Agricultural Trade of the U.S., Jan/Feb/Mar 1998.

REPORTS ISSUED and PUBLICATION DATES

REPORT	FREQUENCY	APPROXIMATE DATE OF PUBLICATION 1/
MONTANA REPORTS:		
Crop & Livestock Reporter	Twice Monthly	2nd & 4th Thursdays
Crop-Weather Report	Weekly	Mondays, April-October
Crop-Weather Report	Monthly	10th of Month, November-March
Montana Agricultural Statistics bulletin	Annual	November
Wheat Movement Summary	Semi-Annually	March & September
Wheat and Barley Varieties	Annual	July 15
NATIONAL REPORTS ON CROPS:		
Crop Forecasts	Monthly	12th of Month
Winter Wheat Seedings	Annual	January 13
Prospective Plantings	Annual	March 31
Annual Crop Summary	Annual	January 13
Crop Values	Annual	February 13
Cherry Production	Semi-Annually	June forecast, January final
Potato Stocks	Monthly	15th of Month, December-May
Stocks of Grains	Quarterly	January, March, June & September
NATIONAL REPORTS ON LIVESTOCK, DAIRY, POULTRY and LIVESTOCK PRODUCTION:		
Poultry (Egg Production, Chick and Poult Hatchings)	Monthly	25th of Month
Livestock Slaughter	Monthly	20th of Month
Cattle Inventory and Calf Crop	Semi-Annually	January 30 & July 17
Sheep Inventory and Lamb Crop	Annual	January 30
Wool Production	Annual	March 26
Hog Inventory and Pig Crop	Quarterly	January, March, June, September
Meat Animals, Marketings and Cash Receipts	Annual	April
Milk Cows and Milk Production	Monthly	15th of Month
NATIONAL PRICE REPORTS:		
Agricultural Prices	Monthly	Last working day of month
NATIONAL MISCELLANEOUS REPORTS:		
Agricultural Chemical Usage	Annual	May 20
Farm Numbers and Land in Farms	Annual	February 12
Farm Labor (Regional Data Only)	Quarterly	February, May, August, November

1/ Statistics in the National program are released in Washington, D C. and locally according to strict, predetermined dates. Dates listed are for 1998, similar release dates can be expected for 1999. Various series are included in the "MONTANA CROP & LIVESTOCK REPORTER" published twice a month.

SUBSCRIPTION INFORMATION:

1 Montana Crop & Livestock Reporter--a semi-monthly publication containing various crop, livestock, price and other farm data
Price: $12.00 for 24 issues

2. Crop-Weather Report--follows crop progress and livestock situation Price: $14.00 for 36 issues.

3. Montana Agricultural Statistics Bulletin--Price: $7.00.
Those who provide survey information are not charged

Mailing address and office location:
Montana Agricultural Statistics Service
301 South Park, Drawer 10033
Helena, Montana 59626
Phone: (406) 441-1240 or (800) 835-2612.
FAX: (406) 441-1250
e-mail nass-mt@nass.usda.gov

ELECTRONIC INFORMATION

Internet:
Montana's Home Page: http://www.nass.usda.gov/mt/
NASS's Home Page: http://www.usda.gov/nass/

Auto-FAX:
Free fax service (202) 720-2000 voice prompt will guide you to selected items of interest. To receive a listing of available information request document 0411.

There were 4,000 copies of this public document published at an estimated cost of $1.41 per copy for a cost of $5,630 which consists of $4,130 for printing and $1,500 for distribution.

DEPARTMENT OF AGRICULTURE
THE GREAT SEAL OF THE STATE OF MONTANA
ORO -Y- PLATA
SERVING MONTANA